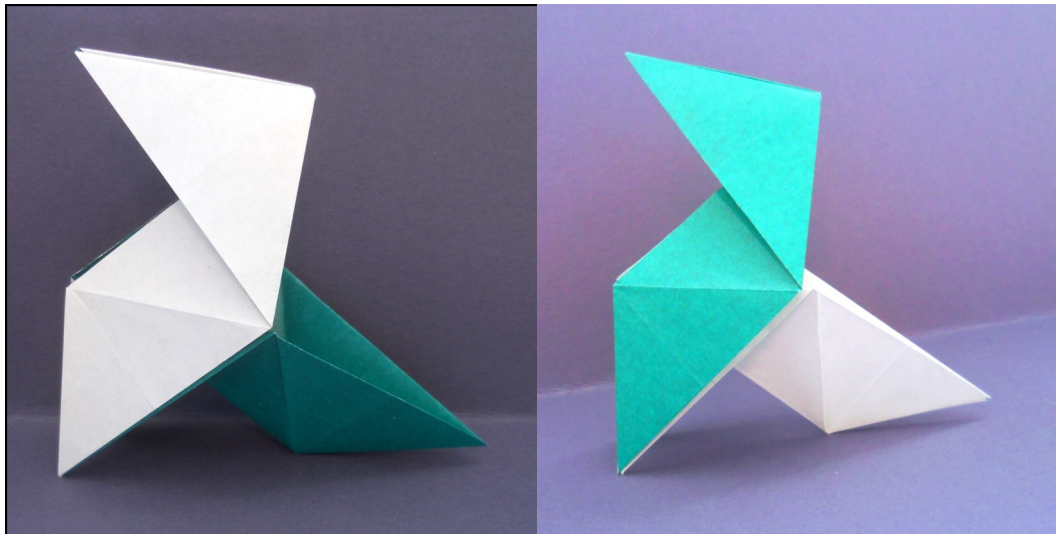


Not Another Cocotte

Designed by David Mitchell

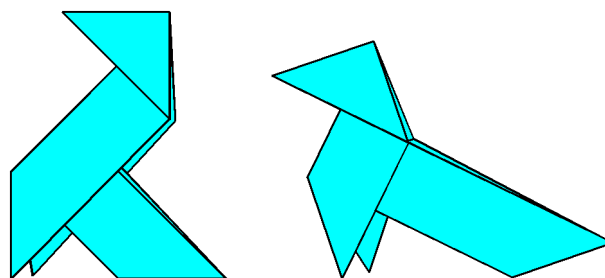
The Not Another Cocotte design is a transformable version of my Not a Cocotte design which can be changed from a Cocotte with a coloured head and white tail to a Cocotte with a white head and coloured tail, and vice versa, without undoing the folds that form the head and tail.



In the version diagrammed here, the colour-change (but not the transformation) is achieved with the help of two small cuts.

The transformation sequence is not difficult to find, but I have arranged the folding sequence to try to disguise it a little.

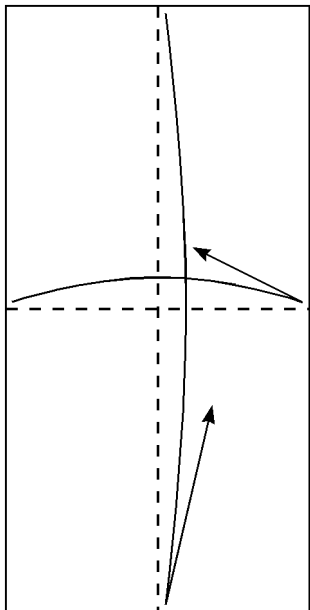
This transformation can be applied to any version of the Not a Cocotte design. If it is applied to an asymmetric version, such as Giracotte, the design will change shape during the transformation.



The two forms of Giracotte

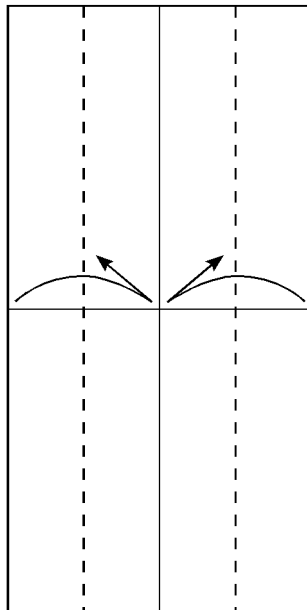
You will need a 2x1 rectangle of irogami. Begin with your paper arranged white side up.

1



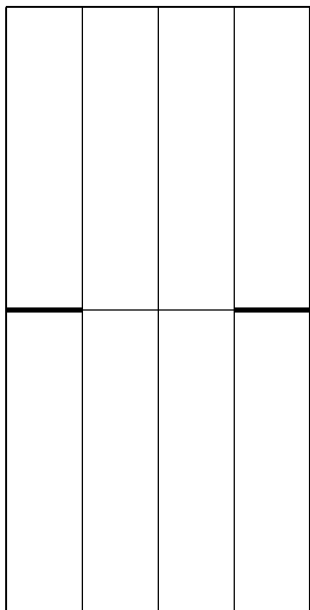
1. Fold in half edge to edge, then unfold, in both directions.

2



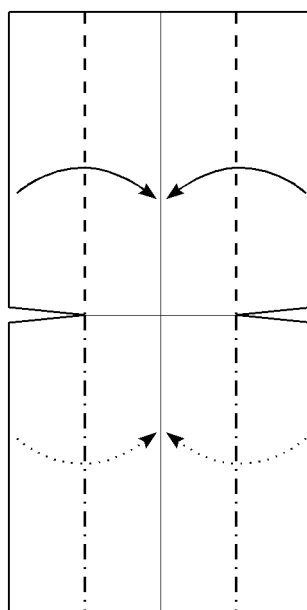
2. Fold both outside edges into the centre, then unfold.

3



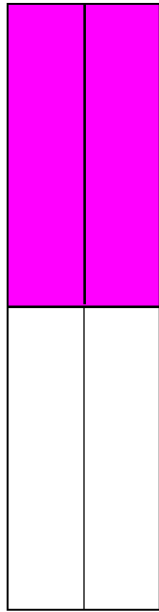
3. Cut along the two small creases marked with thick black lines.

4

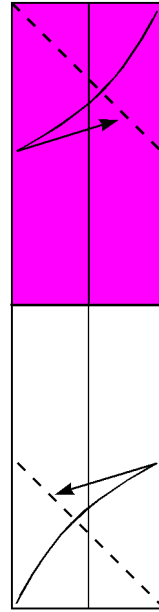


4. Fold the upper halves of both outside edges inwards in front and the lower half inwards behind.

5



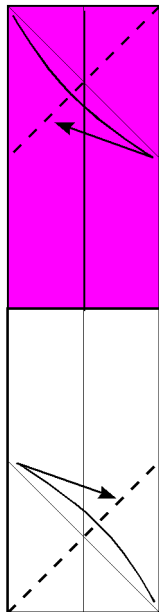
6



5. Turn over sideways

6. Fold the top edge onto the left edge, then unfold. Fold the bottom edge onto the right edge, then unfold.

7



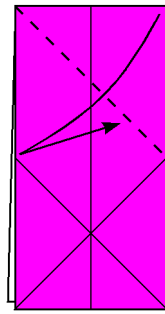
8



7. Fold the top edge onto the right edge, then unfold. Fold the bottom edge onto the left edge, then unfold.

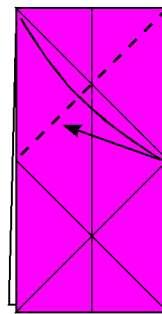
8. Fold the top edge onto the bottom edge.

9



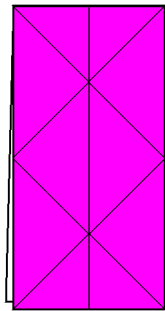
9. Fold the top edge onto the left edge, then unfold.

10



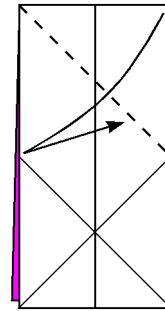
10. Fold the top edge onto the right edge, then unfold.

11



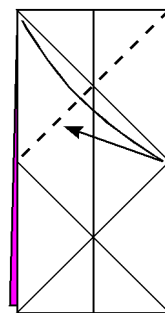
11. Turn over sideways.

12



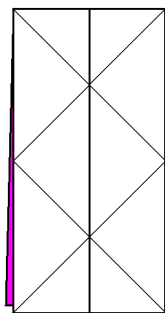
12. Reverse the direction of the existing crease.

13



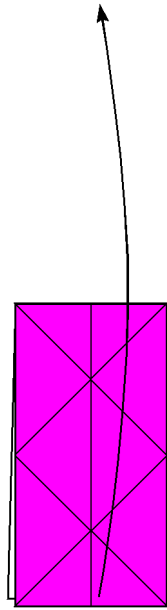
13. Reverse the direction of the existing crease.

14



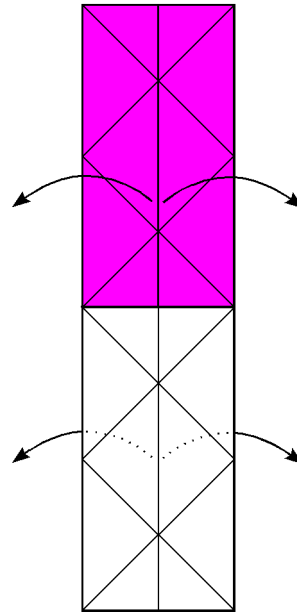
14. Turn over sideways.

15



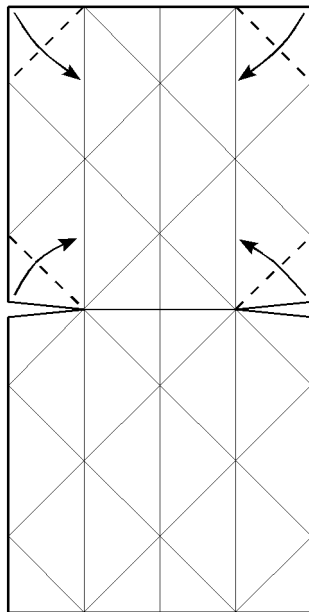
15. Undo the fold made in step 8

16



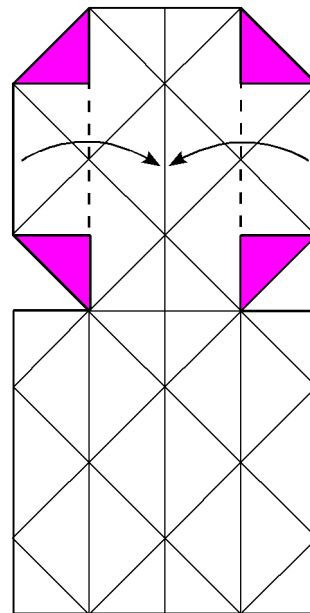
16. Open out completely as shown.

17



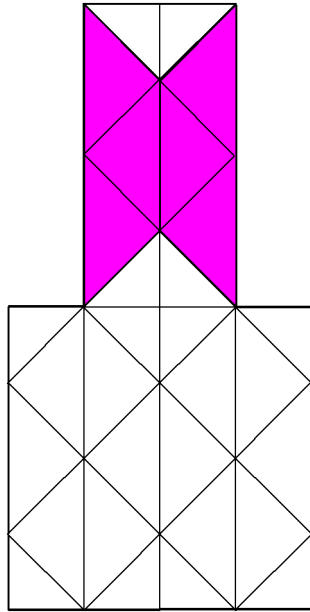
17. Fold all four corners of the upper half of the paper inwards using the existing creases.

18



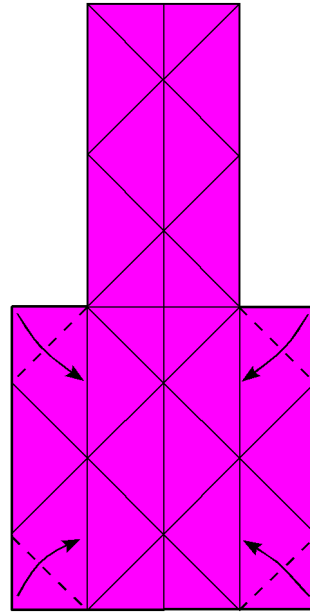
18. Fold both outside edges of the upper half of the paper inwards using the existing creases.

19



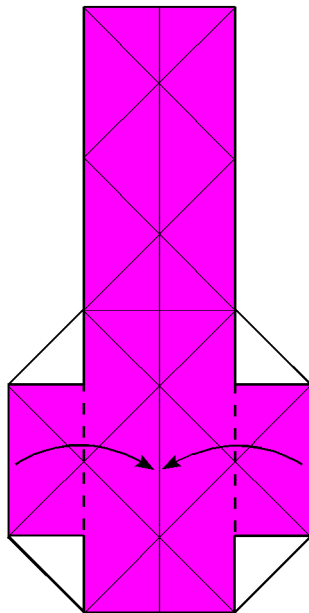
19. Turn over sideways.

20



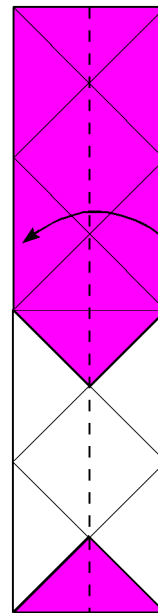
20. Fold all four corners of the lower half of the paper inwards using the existing creases.

21



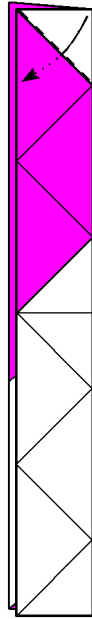
21. Fold both outside edges of the lower half of the paper inwards using the existing creases.

22



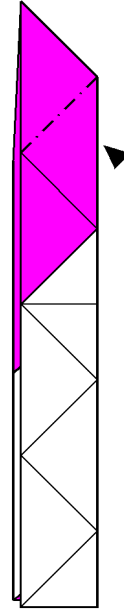
22. Fold in half from right to left using the existing crease.

23



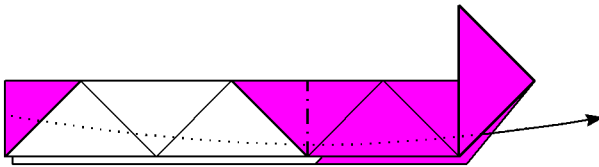
23. Fold the top right corner away into the pocket diagonally below it using the existing crease.

24



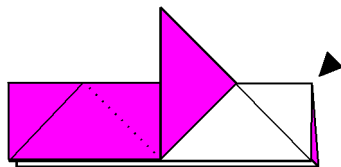
24. Turn the bottom part of the paper inside out in between the other layers as shown.

25



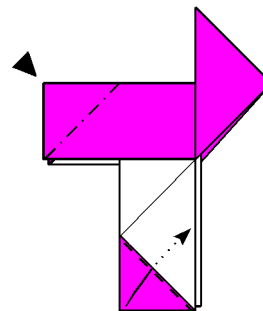
25. Turn the left half of the paper inside out in between the other layers as shown.

26



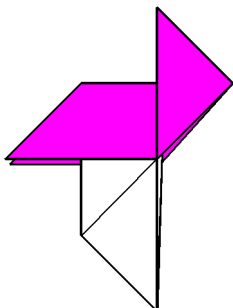
26. Fold the right half of the paper inside out in between the other layers as shown.

27



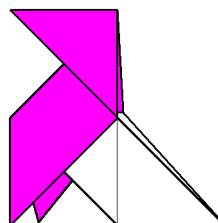
27. Fold the bottom left corner away into the pocket diagonally above it using the existing crease. Turn the top left corner inside out in between the other layers as shown.

28



28. Rotate to look like picture 29.

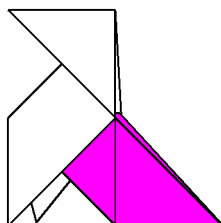
29



29. Not Another Cocotte is finished.

You can transform the design, without undoing the folds that form the head and tail, so that the coloured and white areas are reversed.

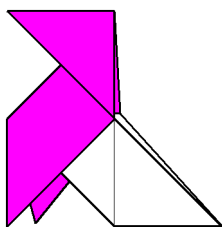
30



30. When you have transformed your design it should look like this. The folding sequence for the transformation is given below, although you might enjoy working it out for yourself before looking at the diagrams. The solution is much less obvious if you are presented with a finished design you have not folded yourself.

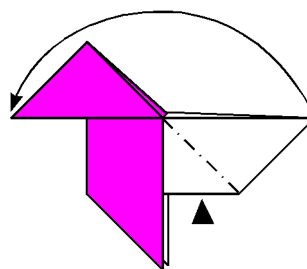
Performing the transformation

1



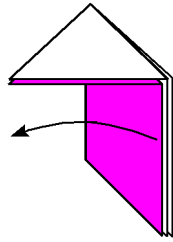
1. Rotate 90 degrees anticlockwise to look like picture 2.

2



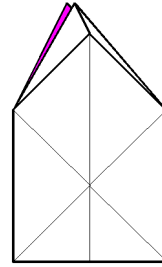
2. Pull the tail upwards and flatten to look like picture 3.

3



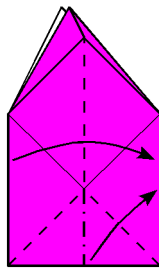
3. Open up the front layers to the left. The design will become three-dimensional as you do this.

4



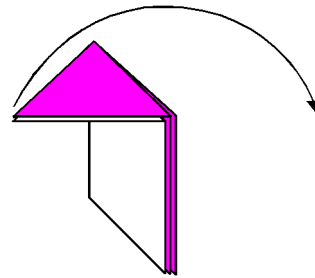
4. Rotate the front layers to the back. The axis of rotation is the bottom edge.

5



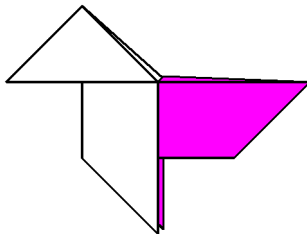
5. Flatten by folding the left edges across to the right.

6



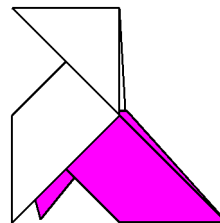
6. Swing the outside layers of the head across to the right and downwards to form the tail.

7



7. Rotate 90 degrees clockwise.

8



8. The transformation has been achieved. You can undo the transformation by repeating the same moves in the same direction

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