



# DIY Bathtub Paint

## Gather

- Container for paints (a muffin pan works well!)
- Shaving cream
- Food coloring (red, yellow, blue)
- Dish soap

## Let's Create!

1. Fill each container with shaving cream.
2. Stir in food color until it's the color you like.
3. Stir in a few drops of dish soap to help with clean up.
4. Paint!
5. Mix some of your colors together while painting, what new colors are made?

## How Does it Work?

The shaving cream dissolves the color in the food coloring, meaning it mixes it very well. Red, yellow, and blue are **primary colors**, meaning that they are not a mixture of any other colors. When you mix primary colors you get many different kinds of **secondary colors**, which are mixtures of color. Experiment and see how many different colors you can make! For more information, visit:

<https://www.pbslearningmedia.org/resource/evscps.sci.phys.mixcolint/mixing-colors-interactive/>

## Take it Further!

Try this recipe and compare it to the first. Which one gives you the best color? Which one hangs on to the bathtub the best? Take pictures and send us your creations!

<https://www.food.com/recipe/kids-bathtub-paints-66418>