







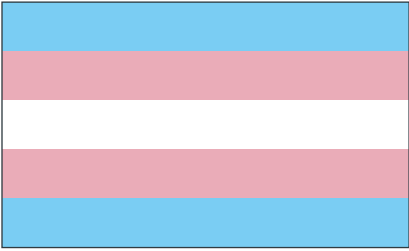









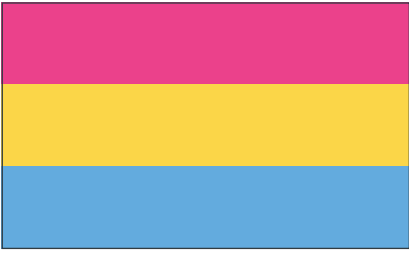













Use science to show your pride with this colorful addition to our [Cabbage Inks Tie Dye Guide](#). Here are some handy tricks to mix the colors you'll need for your own LGBTQ+ Pride flags with eco-friendly red cabbage pigment!

There are many flags for different LGBTQ+ identities! We've included tips for flags whose colors can be made using red cabbage pigments (red, purple, blue, green, and yellow). If your flag has colors that can't be recreated from red cabbage, consider using other natural pigments to get the rest of the colors you need!

Flag	Colors	Recommended Acids or Bases	Dyeing Tips
LGBT			
	 Red	Add vinegar.	Orange isn't possible with red cabbage pigment. Try another vegetable to get this color, like carrots! 
	 Orange	Get pigment from a different vegetable.	
	 Yellow	Use a strong base, like soda ash.	
	 Green	Dissolve baking soda in your cabbage pigment.	
	 Blue	Use dish soap, add a little lemon juice if it gets too green.	
	 Purple	No change needed, use your cabbage pigment.	
Transgender			
	 Blue	Use dish soap; add a little lemon juice if it gets too green.	To get pastel colors, add a little extra water to your cabbage pigment. 
	 Pink	Add any acid (vinegar, lemon juice).	
	 White	Use white fabric and avoid dyeing this portion.	
Bisexual			
	 Pink	Add any acid (vinegar, lemon juice).	Boil your red cabbage for longer to get more concentrated pigment. 
	 Purple	No change needed, use your cabbage pigment.	
	 Blue	Use dish soap; add a little lemon juice if it gets too green.	

Flag	Colors	Recommended Acids or Bases	Dyeing Tips
Pansexual			
	 Pink	Add any acid (vinegar, lemon juice).	You can find soda ash with tie dye supplies at craft stores. 
	 Yellow	Use a strong base, like soda ash.	
	 Blue	Use dish soap; add a little lemon juice if it gets too green.	
Genderqueer			
	 Purple	No change needed, use your cabbage pigment.	You may want to add a little water to your cabbage pigment for a lighter purple. 
	 White	Use white fabric and avoid dyeing this portion.	
	 Green	Dissolve baking soda in your cabbage pigment.	

Want to make sure the colors on your flag are consistent?

Separate your cabbage pigment and change its color before you dye your fabric. Add the suggested ingredients in small amounts until you get the color you want!



**The Tech
Interactive
at Home**

thetech.org/athome


SEPA SCIENCE EDUCATION
 PARTNERSHIP AWARD
 SUPPORTED BY THE NATIONAL INSTITUTES OF HEALTH

Share Your Pride! Show us your design on social media with #TheTechatHome.

Check out
Cabbage Inks
 on The Tech
 Interactive at Home