# Transforms and transitions with CSS Lab

CSS Transforms allow us to have movement on our pages without having to write automation code in JavaScript. We simply let the browser do that work for us.

## Social icons

The social icons are cool and all but a little boring. Let's liven them up some.

1. Edit site.css. Add a new advanced css selector to point to every social icon. Apply a style to it. Set the background-color to, say, red.
2. Run and test just to make sure your selector is actually pointing to the icons. If they all have a red background, you got it right.
3. Now add the :hover pseudoclass to your selector.
4. When you run and test, they'll be normal until you hover over them, then they turn red.
5. Okay, the red was just for testing. We really want them to transform. So remove the background-color: red and replace it with a CSS transform to tilt the icon by about 10 degrees. Also make it grow by about 30%.
6. Run and test. When it is correct, the icons look normal until you hover over them, then they look like the Instagram icon below.

See how it is slightly larger and tilted a bit?

Note that when you hover, it pops in and out. It would look so much cooler if you transitioned over about ½ second.

7. Go ahead and add that transition. (Hint: if you put it on the :hover selector, it'll only transition on the way in but pop on the way out. Instead, put it on each icon style -- the non-:hover style).

## Shopping cart icon

8. Here's kind of a fun effect. Find the CSS selector for your shopping cart icon in site.css. Add a transition to it. The property being transition should be transform. It should transform over ½ second.
9. Add a new CSS selector for that same shopping cart icon but only when it is :active. This will be applied when the user is clicking/tapping on it.
10. Apply a transform of rotateY() to it and make it rotate 180deg.

11. Run and test. Cool, right? When the user presses it, the cart will quickly flip before you browse to the checkout page.

12. Bonus! Add a similar transition. When any showing time is being clicked on, have it grow by about 30%.