

### **CSS - Styling Websites**

[**3.1** Introduction to CSS](https://codehs.com/course/1939/lesson/3.1)

In this lesson, students will begin using CSS to add styling to their HTML pages.

## **Objective**

Students will be able to describe how CSS adds styling to HTML pages.

## **Enduring Understandings**

This lesson builds toward the following Enduring Understandings (EUs) and Learning Objectives (LOs). Students should understand that…

* EU 1.1 Creative development can be an essential process for creating computational artifacts. (LO 1.1.1)
* EU 1.2 Computing enables people to use creative development processes to create computational artifacts for creative expression or to solve a problem. (LOs 1.2.1, 1.2.3, 1.2.5)
* EU 5.1 Programs can be developed for creative expression, to satisfy personal curiosity, to create new knowledge, or to solve problems (to help people, organizations, or society). (LOs 5.1.1, 5.1.2)

[**3.2** CSS Select by Tag](https://codehs.com/course/1939/lesson/3.2)

In this lesson, we learn CSS superpowers. We can use CSS tag selectors to select all elements of the same kind (<table>, or <h1> for example) and give them all the same style.

## **Objective**

Students will be able to use CSS tag selectors to select all elements of the same kind and give them all the same style.

## **Enduring Understandings**

This lesson builds toward the following Enduring Understandings (EUs) and Learning Objectives (LOs). Students should understand that…

* EU 1.1 Creative development can be an essential process for creating computational artifacts. (LO 1.1.1)
* EU 1.2 Computing enables people to use creative development processes to create computational artifacts for creative expression or to solve a problem. (LOs 1.2.1, 1.2.3, 1.2.5)
* EU 5.1 Programs can be developed for creative expression, to satisfy personal curiosity, to create new knowledge, or to solve problems (to help people, organizations, or society). (LOs 5.1.1, 5.1.2)

[**3.3** CSS Select by Class](https://codehs.com/course/1939/lesson/3.3)

In this lesson, we learn to use CSS Class selectors to apply CSS styling to all HTML elements that share a specified class. This allows us to be more specific when applying our styling.

## **Objective**

Students will be able to use CSS Class selectors to apply CSS styling to all HTML units that share a specified class.

[**3.4** CSS Select by ID](https://codehs.com/course/1939/lesson/3.4)

CSS Selectors by ID help us select a single element to format on our page. This is helpful when we need to be as specific as possible in applying our CSS rules.

## **Objective**

Students will be able to use CSS Selectors by ID to select a single element to format on a webpage.

[**3.5** The Cascade](https://codehs.com/course/1939/lesson/3.5)

In this lesson, students will learn how CSS rules are applied when more than one rule applies to an element.

## **Objective**

Students will be able to …

* Explain the order of precedence of CSS rules
* Explain why CSS allows rules to cascade
* Apply the order of precedence of CSS rules to achieve the desired styling of specific elements on the webpage

[**3.6** End of Unit Test](https://codehs.com/course/1939/lesson/3.6)