

Designing Beautiful Websites

Some Helpful Tricks

Module Content

Project Example: Tips & Tricks to
Create Beautiful Websites

CSS Custom Properties, Transitions
& SVG Basics

3 Things to Remember

Add **different features**
step-by-step

Think about the **core information** that
should be transferred

Less is more –
Don't overstyle your website

More About Selectors

html

Selects html element
(= root element of an html file)

*CSS rules are applied to html element & inherited
to nested elements inside the html element*

:root
(pseudo-selector)

Selects element which is the root of the
document

*CSS rules are applied to root element & inherited
to nested elements inside the root element*

*

Selects all elements of the html document

*CSS rules are applied to all elements
(specificity must be considered though)*

CSS Variables (or Custom Properties)



Reuse specific, developer defined **values** throughout the project via a custom property / CSS variable



```
p { color: #fa923f; }
```

Declare

html

{

--color

-orange-400

:

#fa923f

;

}

Apply

color:

var

(

--color

-orange-400

)

;

CSS Transformations & Transitions

Transformation

Move / change appearance of element, e.g. when hovering.

Transition

Smooth transition from initial to transformed state.

```
transform: scale (2);
```



CSS Transitions

Applied to “initial state” of the element, not on event triggering the transition.

```
transition: transform 0.5s ease-out 1s;
```

property duration timing function delay

Scalable Vector Graphics



XML based markup language to describe two-dimensional vector graphics.



Text based description of scalable images that can be rendered by the browser.