CSS
Reset &
Normalization

CSS Reset

- „resetira" CSS pravila – uklanja inicijalna pravila preglednika

- Primjer:

  The New CSS Reset
  https://github.com/elad2412/the-new-css-reset

The New CSS Reset 1/5

```css
/***
    The new CSS reset - version 1.8.4 (last updated 14.2.2023)
    GitHub page: https://github.com/elad2412/the-new-css-reset
***/

/*
    Remove all the styles of the "User-Agent-Stylesheet", except for the 'display' property
    - The "symbol *" part is to solve Firefox SVG sprite bug
 */
*:where(:not(html, iframe, canvas, img, svg, video, audio):not(svg *, symbol *)) {
    all: unset;
    display: revert;
}

/* Preferred box-sizing value */
*,
*::before,
*::after {
    box-sizing: border-box;
}
```

The New CSS Reset 2/5

```css
/* Reapply the pointer cursor for anchor tags */
a, button {
    cursor: revert;
}

/* Remove list styles (bullets/numbers) */
ol, ul, menu {
    list-style: none;
}

/* For images to not be able to exceed their container */
img {
    max-inline-size: 100%;
    max-block-size: 100%;
}

/* removes spacing between cells in tables */
table {
    border-collapse: collapse;
}
```

The New CSS Reset 3/5

```css
/* Safari - solving issue when using user-select:none on the <body> text input doesn't
working */
input, textarea {
    -webkit-user-select: auto;
}

/* revert the 'white-space' property for textarea elements on Safari */
textarea {
    white-space: revert;
}

/* minimum style to allow to style meter element */
meter {
    -webkit-appearance: revert;
    appearance: revert;
}

/* preformatted text - use only for this feature */
:where(pre) {
    all: revert;
}
```

The New CSS Reset 4/5

```css
/* reset default text opacity of input placeholder */
::placeholder {
    color: unset;
}

/* remove default dot (•) sign */
::marker {
    content: initial;
}

/* fix the feature of 'hidden' attribute.
   display:revert; revert to element instead of attribute */
:where([hidden]) {
    display: none;
}
```

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The New CSS Reset 5/5

```css
/* revert for bug in Chromium browsers
   - fix for the content editable attribute will work properly.
   - webkit-user-select: auto; added for Safari in case of using user-select:none on wrapper
element*/
:where([contenteditable]:not([contenteditable="false"])) {
    -moz-user-modify: read-write;
    -webkit-user-modify: read-write;
    overflow-wrap: break-word;
    -webkit-line-break: after-white-space;
    -webkit-user-select: auto;
}

/* apply back the draggable feature - exist only in Chromium and Safari */
:where([draggable="true"]) {
    -webkit-user-drag: element;
}
```

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CSS Normalization

- Postavlja standardna CSS pravila – osnovne stilske postavke - za sve preglednike

- Primjer:

  normalize.css
  https://github.com/necolas/normalize.css

normalize.css 1/18

```
/*! normalize.css v8.0.1 | MIT License | github.com/necolas/normalize.css */

/* Document
   ========================================================================== */

/**
 * 1. Correct the line height in all browsers.
 * 2. Prevent adjustments of font size after orientation changes in iOS.
 */

html {
  line-height: 1.15; /* 1 */
  -webkit-text-size-adjust: 100%; /* 2 */
}
```

normalize.css 2/18

```css
/* Sections
   ========================================================================== */

/**
 * Remove the margin in all browsers.
 */

body {
  margin: 0;
}

/**
 * Render the `main` element consistently in IE.
 */

main {
  display: block;
}
```

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normalize.css 3/18

```css
/**
 * Correct the font size and margin on `h1` elements within `section` and
 * `article` contexts in Chrome, Firefox, and Safari.
 */

h1 {
  font-size: 2em;
  margin: 0.67em 0;
}

/* Grouping content
   ========================================================================== */

/**
 * 1. Add the correct box sizing in Firefox.
 * 2. Show the overflow in Edge and IE.
 */

hr {
  box-sizing: content-box; /* 1 */
  height: 0; /* 1 */
  overflow: visible; /* 2 */
}
```

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normalize.css 4/18

```css
/**
 * 1. Correct the inheritance and scaling of font size in all browsers.
 * 2. Correct the odd `em` font sizing in all browsers.
 */

pre {
  font-family: monospace, monospace; /* 1 */
  font-size: 1em; /* 2 */
}

/* Text-level semantics
   ========================================================================== */

/**
 * Remove the gray background on active links in IE 10.
 */

a {
  background-color: transparent;
}
```

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normalize.css 5/18

```css
/**
 * 1. Remove the bottom border in Chrome 57-
 * 2. Add the correct text decoration in Chrome, Edge, IE, Opera, and Safari.
 */

abbr[title] {
  border-bottom: none; /* 1 */
  text-decoration: underline; /* 2 */
  text-decoration: underline dotted; /* 2 */
}

/**
 * Add the correct font weight in Chrome, Edge, and Safari.
 */

b,
strong {
  font-weight: bolder;
}
```

normalize.css 6/18

```css
/**
 * 1. Correct the inheritance and scaling of font size in all browsers.
 * 2. Correct the odd `em` font sizing in all browsers.
 */

code,
kbd,
samp {
  font-family: monospace, monospace; /* 1 */
  font-size: 1em; /* 2 */
}

/**
 * Add the correct font size in all browsers.
 */

small {
  font-size: 80%;
}
```

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normalize.css 7/18

```css
/**
 * Prevent `sub` and `sup` elements from affecting the line height in
 * all browsers.
 */

sub,
sup {
  font-size: 75%;
  line-height: 0;
  position: relative;
  vertical-align: baseline;
}

sub {
  bottom: -0.25em;
}

sup {
  top: -0.5em;
}
```

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normalize.css 8/18

```css
/* Embedded content
   ========================================================================== */

/**
 * Remove the border on images inside links in IE 10.
 */

img {
  border-style: none;
}
```

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normalize.css 9/18

```css
/* Forms
   ================================================================= */

/**
 * 1. Change the font styles in all browsers.
 * 2. Remove the margin in Firefox and Safari.
 */

button,
input,
optgroup,
select,
textarea {
  font-family: inherit; /* 1 */
  font-size: 100%; /* 1 */
  line-height: 1.15; /* 1 */
  margin: 0; /* 2 */
}
```

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normalize.css 10/18

```css
/**
 * Show the overflow in IE.
 * 1. Show the overflow in Edge.
 */

button,
input { /* 1 */
  overflow: visible;
}

/**
 * Remove the inheritance of text transform in Edge, Firefox, and IE.
 * 1. Remove the inheritance of text transform in Firefox.
 */

button,
select { /* 1 */
  text-transform: none;
}
```

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normalize.css 11/18

```css
/**
 * Correct the inability to style clickable types in iOS and Safari.
 */

button,
[type="button"],
[type="reset"],
[type="submit"] {
  -webkit-appearance: button;
}

/**
 * Remove the inner border and padding in Firefox.
 */

button::-moz-focus-inner,
[type="button"]::-moz-focus-inner,
[type="reset"]::-moz-focus-inner,
[type="submit"]::-moz-focus-inner {
  border-style: none;
  padding: 0;
}
```

normalize.css 12/18

```
/**
 * Restore the focus styles unset by the previous rule.
 */

button:-moz-focusring,
[type="button"]:-moz-focusring,
[type="reset"]:-moz-focusring,
[type="submit"]:-moz-focusring {
  outline: 1px dotted ButtonText;
}

/**
 * Correct the padding in Firefox.
 */

fieldset {
  padding: 0.35em 0.75em 0.625em;
}
```

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normalize.css 13/18

```css
/**
 * 1. Correct the text wrapping in Edge and IE.
 * 2. Correct the color inheritance from `fieldset` elements in IE.
 * 3. Remove the padding so developers are not caught out when they zero out
 *    `fieldset` elements in all browsers.
 */

legend {
  box-sizing: border-box; /* 1 */
  color: inherit; /* 2 */
  display: table; /* 1 */
  max-width: 100%; /* 1 */
  padding: 0; /* 3 */
  white-space: normal; /* 1 */
}

/**
 * Add the correct vertical alignment in Chrome, Firefox, and Opera.
 */

progress {
  vertical-align: baseline;
}
```

normalize.css 14/18

```css
/**
 * Remove the default vertical scrollbar in IE 10+.
 */

textarea {
  overflow: auto;
}

/**
 * 1. Add the correct box sizing in IE 10.
 * 2. Remove the padding in IE 10.
 */

[type="checkbox"],
[type="radio"] {
  box-sizing: border-box; /* 1 */
  padding: 0; /* 2 */
}
```

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normalize.css 15/18

```css
/**
 * Correct the cursor style of increment and decrement buttons in Chrome.
 */

[type="number"]::-webkit-inner-spin-button,
[type="number"]::-webkit-outer-spin-button {
  height: auto;
}

/**
 * 1. Correct the odd appearance in Chrome and Safari.
 * 2. Correct the outline style in Safari.
 */

[type="search"] {
  -webkit-appearance: textfield; /* 1 */
  outline-offset: -2px; /* 2 */
}
```

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normalize.css 16/18

```css
/**
 * Remove the inner padding in Chrome and Safari on macOS.
 */

[type="search"]::-webkit-search-decoration {
  -webkit-appearance: none;
}

/**
 * 1. Correct the inability to style clickable types in iOS and Safari.
 * 2. Change font properties to `inherit` in Safari.
 */

::-webkit-file-upload-button {
  -webkit-appearance: button; /* 1 */
  font: inherit; /* 2 */
}
```

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normalize.css 17/18

```css
/* Interactive
   ========================================================================== */

/*
 * Add the correct display in Edge, IE 10+, and Firefox.
 */

details {
  display: block;
}

/*
 * Add the correct display in all browsers.
 */

summary {
  display: list-item;
}
```

normalize.css 18/18

```css
/* Misc
   ================================================================ */

/**
 * Add the correct display in IE 10+.
 */

template {
  display: none;
}

/**
 * Add the correct display in IE 10.
 */

[hidden] {
  display: none;
}
```

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Hvala na pažnji!