

Converting Colors

Hex(E91717)

Have a look what the booklet for
Hex(E91717) contains.

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Color

Hex(E91717)

Conversions

Conversions Part 1

Format	Color
Hex	E91717
RGB	233, 23, 23
RGB Percent	91%, 9%, 9%
CMY	0.0863, 0.9098, 0.9098
CMYK	0.00, 0.90, 0.90, 0.09
HSL	0°, 83%, 50%
HSV	0°, 90%, 91%
XYZ	34.0653, 17.9983, 2.4892
YIQ	85.7900, 125.1600, 44.5200

Conversions

Conversions Part 2

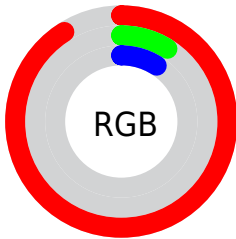
Format	Color
R _Y B	233, 23, 23
Decimal	15275799
CIE Lab	49.49, 72.86, 56.16
CIE LCh	49, 91.992, 37.623
Yxy	17.9983, 0.6244, 0.3299
Android (android.graphics.Color)	4293465879 (0xFFE91717)
YUV	85.7900, -30.9555, 129.1032
Hunter-Lab	42.4244, 69.0866, 26.2183

Details

The Hex color **E91717** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **17E9E9**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6248**, and **A70000** is the 20% darker color. If you saturate the color by 10%, you get **E90000**, and if you desaturate by 10%, it is **E92E2E**.

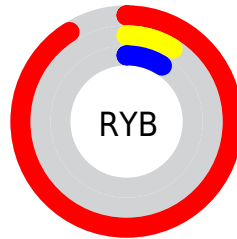
Distribution



Red (91%)

Green (9%)

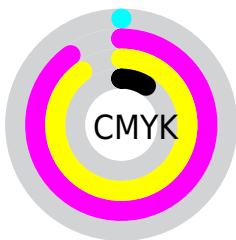
Blue (9%)



Red (91%)

Yellow (9%)

Blue (9%)

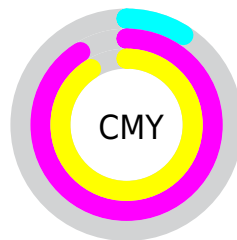


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E91717 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E91717 by changing the saturation by 10% instead.

 E91717

 E91717

FFFFFF

 C80000

 FF6248

 A70000

 FF8060

 860000

 FF9E7A

 660001

 FFBB94

 490004

 FFD9AF

 290001

 FFF7CB

 000000

 FFFFE8

 E91717

 E91717

 E90000

 E92E2E

 E94646

 E95D5D

 E97474

 E98B8B

 E9A3A3

 E9BABA

 E9D1D1

 E9E9E9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F80066



E91717



BD5A00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E91717



009134



007BFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E91717



17E9E9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008EFF



E91717



009488

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E91717



0D8A00



0094D5



8754F4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E91717



957100



0094D5



0083FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E91717



FFBABA



E917E9



805757



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E91717



FF0000



E98017



756A6A



B50000



360000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17E9E9



00FFFF



1780E9



6A7575



00B5B5



003636

Previews

White Background



This preview shows how the Hex color E91717 looks on a white background.

Color Contrast Check

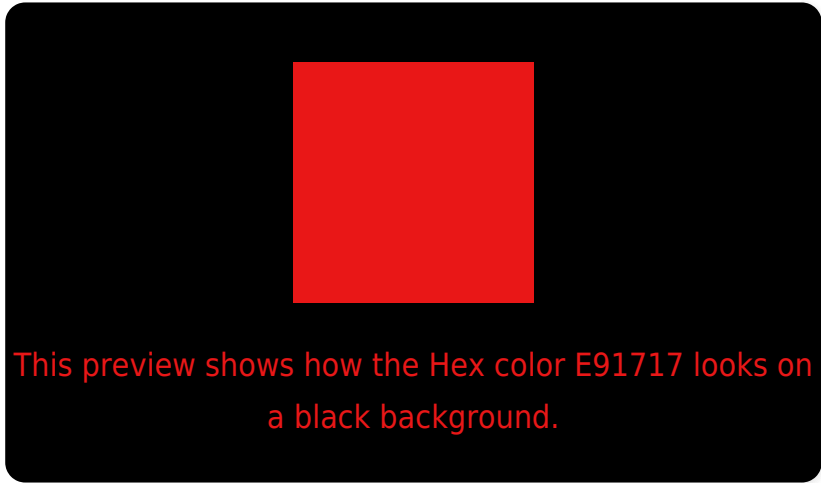
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E91717 Background



This preview shows how black text looks on a background with the Hex color E91717.

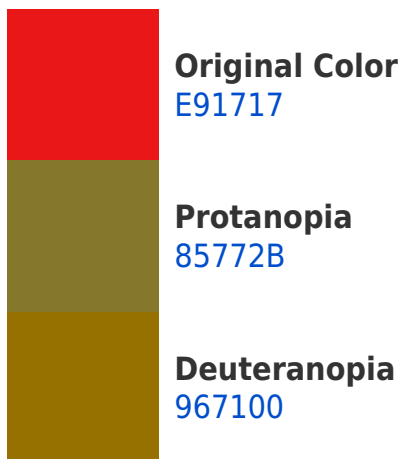


This preview shows how white text looks on a background with the Hex color E91717.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
E9180F

Trichromacy



Original Color
E91717

Protanomaly
A95424

Deuteranomaly
B45008

Tritanomaly
E91812

Monochromacy



Original Color
E91717

Achromatopsia
565656

Achromatomaly
8B3F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex E91717 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E91717 looks like.

```
.text, #text, p{  
    color:#E91717  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E91717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E91717
}
```

Border

The CSS property to change the border of an element to Hex E91717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

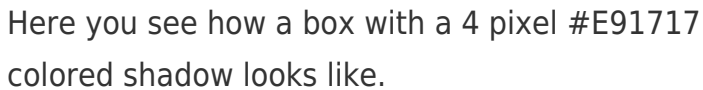
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E91717 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E91717 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#E91717` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E91717; -webkit-box-shadow:4px 4px  
4px 4px #E91717; box-shadow:4px 4px 4px  
4px #E91717 }
```

Background

The CSS property to change the background color of an element to Hex E91717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E91717 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E91717 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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