

Converting Colors

Hex(EB1717)

Have a look what the booklet for
Hex(EB1717) contains.

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Color

Hex(EB1717)

Conversions

Conversions Part 1

Format	Color
Hex	EB1717
RGB	235, 23, 23
RGB Percent	92%, 9%, 9%
CMY	0.0784, 0.9098, 0.9098
CMYK	0.00, 0.90, 0.90, 0.08
HSL	0°, 84%, 51%
HSV	0°, 90%, 92%
XYZ	34.7220, 18.3368, 2.5199
YIQ	86.3880, 126.3520, 44.9440

Conversions

Conversions Part 2

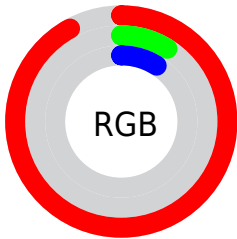
Format	Color
RYB	235, 23, 23
Decimal	15406871
CIELab	49.90, 73.37, 56.63
CIElCh	50, 92.682, 37.662
Yxy	18.3368, 0.6247, 0.3299
Android (android.graphics.Color)	4293596951 (0xFFEB1717)
YUV	86.3880, -31.2503, 130.3327
Hunter-Lab	42.8215, 69.7998, 26.4860

Details

The Hex color **EB1717** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **17EBEB**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6248**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EB0000**, and if you desaturate by 10%, it is **EB2F2F**.

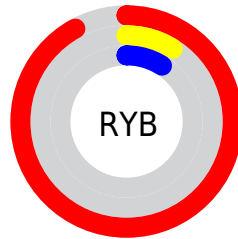
Distribution



Red (92%)

Green (9%)

Blue (9%)



Red (92%)

Yellow (9%)

Blue (9%)

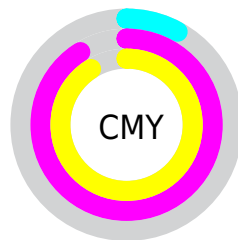


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB1717 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 EB1717 by changing the saturation by 10% instead.

 EB1717

 EB1717

FFFFFF

 CA0000

 FF6248

 A90000

 FF8061

 880000

 FF9E7A

 680001

 FFBC95

 4B0004

 FFDAB0

 2A0001

 FFF8CB

 000000

 FFFF8

 EB1717

 EB1717

 EB0000

 EB2F2F

 EB4646

 EB5E5E

 EB7575

 EB8D8D

 EBA4A4

 EBBBBB

 EBD3D3

 EBEBEB

Harmonies

Analogous

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



FA0067



EB1717



BF5B00

Triad

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



EB1717



009235



007CFF

Complementary

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



EB1717



17EBEB

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.



008FFF



EB1717



00968A

Square

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



EB1717



0C8B00



0096D7



8954F6

Rectangle

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



EB1717



967200



0096D7



0084FF

Sweetspot

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



EB1717



FFBABA



EB17EB



805757



000000



808080

Same Dimension

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



EB1717



FF0000



EB8117



756A6A



B50000



360000

Inverse Universe

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



17EBEB



00FFFF



1781EB



6A7575



00B5B5



003636

Previews

White Background



This preview shows how the Hex color EB1717 looks on a white background.

Color Contrast Check

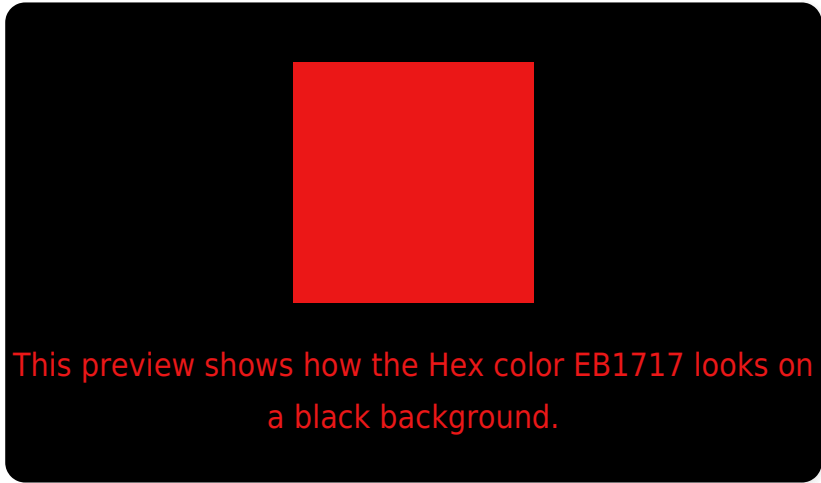
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB1717 Background



This preview shows how black text looks on a background with the Hex color EB1717.



This preview shows how white text looks on a background with the Hex color EB1717.

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



Original Color
EB1717

Protanopia
86782B

Deuteranopia
977200



Tritanopia
EB180F

Trichromacy



Original Color
EB1717

Protanomaly
AB5524

Deuteranomaly
B65108

Tritanomaly
EB1812

Monochromacy



Original Color
EB1717

Achromatopsia
565656

Achromatomaly
8C3F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex EB1717 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 #EB1717 looks like.

```
.text, #text, p{  
    color:#EB1717  
}
```

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 #EB1717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB1717
}
```

Border

The CSS property to change the border of an element to Hex EB1717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

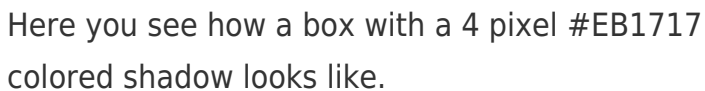
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB1717 }
```

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

```
.border{ border-color:#EB1717 }
```

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



Here you see how a box with a 4 pixel `#EB1717` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB1717; -webkit-box-shadow:4px 4px  
4px 4px #EB1717; box-shadow:4px 4px 4px  
4px #EB1717 }
```

Background

The CSS property to change the background color of an element to Hex EB1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB1717 }
```

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

```
.background{ background-color:#EB1717 }
```

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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