

Converting Colors

Hex(EB1817)

Have a look what the booklet for
Hex(EB1817) contains.

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Color

Hex(EB1817)

Conversions

Conversions Part 1

Format	Color
Hex	EB1817
RGB	235, 24, 23
RGB Percent	92%, 9%, 9%
CMY	0.0784, 0.9059, 0.9098
CMYK	0.00, 0.90, 0.90, 0.08
HSL	0°, 84%, 51%
HSV	0°, 90%, 92%
XYZ	34.7422, 18.3773, 2.5267
YIQ	86.9750, 126.0770, 44.4210

Conversions

Conversions Part 2

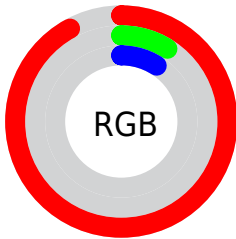
Format	Color
R_{YB}	235, 24, 23
Decimal	15407127
CIE Lab	49.95, 73.23, 56.66
CIE LCh	50, 92.592, 37.731
Yxy	18.3773, 0.6243, 0.3303
Android (android.graphics.Color)	4293597207 (0xFFEB1817)
YUV	86.9750, -31.5397, 129.8179
Hunter-Lab	42.8688, 69.6419, 26.5136

Details

The Hex color **EB1817** 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 **17EAEB**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6348**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EB0100**, and if you desaturate by 10%, it is **EB2F2F**.

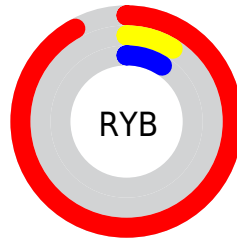
Distribution



Red (92%)

Green (9%)

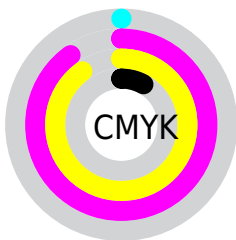
Blue (9%)



Red (92%)

Yellow (9%)

Blue (9%)

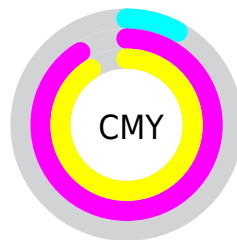


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB1817 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 EB1817 by changing the saturation by 10% instead.

 EB1817

 EB1817

FFFFFF

 CA0000

 FF6348

 A90000

 FF8161

 880000

 FF9F7A

 680001

 FFBC95

 4B0004

 FFDAB0

 2B0001

 FFF8CC

 000000

 FFFF8E

 EB1817

 EB1817

 EB0100

 EB2F2F

 EB4746

 EB5E5E

 EB7675

 EB8D8D

 EBA4A4

 EBBCBB

 EBD3D3

 EBEBEB

Harmonies

Analogous

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



FA0067



EB1817



BF5B00

Triad

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



EB1817



009335



007CFF

Complementary

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



EB1817



17EAEB

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



EB1817



00968A

Square

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



EB1817



0C8B00



0096D7



8954F6

Rectangle

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



EB1817



967200



0096D7



0084FF

Sweetspot

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



EB1817



FFBABA



EB17EB



805757



000000



808080

Same Dimension

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



EB1817



FF0100



EB8117



756A6A



B50100



360000

Inverse Universe

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



17EAEB



00FEFF



1781EB



6A7575



00B4B5



003536

Previews

White Background



This preview shows how the Hex color EB1817 looks on a white background.

Color Contrast Check

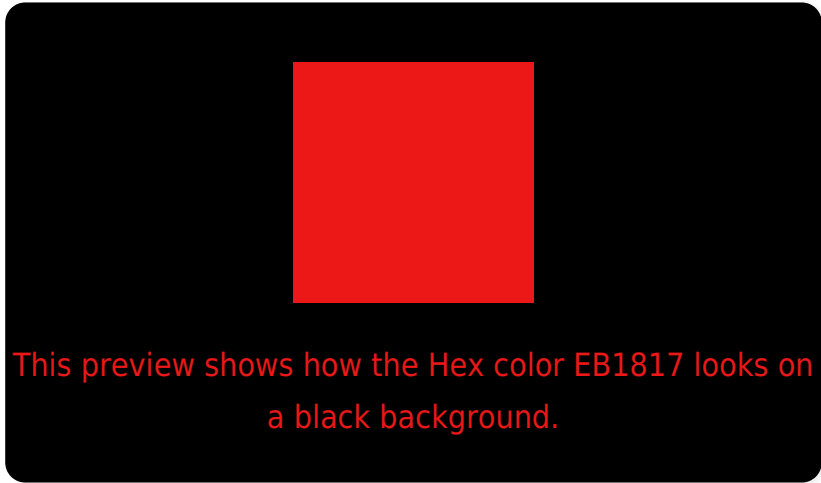
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 EB1817 Background



This preview shows how black text looks on a background with the Hex color EB1817.



This preview shows how white text looks on a background with the Hex color EB1817.

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



Trichromacy



Original Color
EB1817

Protanomaly
AB5524

Deuteranomaly
B65108

Tritanomaly
EB1913

Monochromacy



Original Color
EB1817

Achromatopsia
575757

Achromatomaly
8D4040

CSS Examples

Text

The CSS property to change the color of the text to Hex EB1817 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 #EB1817 looks like.

```
.text, #text, p{  
    color:#EB1817  
}
```

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 #EB1817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB1817
}
```

Border

The CSS property to change the border of an element to Hex EB1817 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".

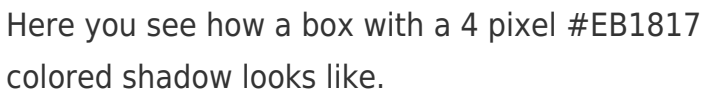
```
.border, #border, table{ border:4px solid
#EB1817 }
```

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

```
.border{ border-color:#EB1817 }
```

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

Here you see how a box with a 4 pixel #EB1817 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB1817; -webkit-box-shadow:4px 4px  
4px 4px #EB1817; box-shadow:4px 4px 4px  
4px #EB1817 }
```

Background

The CSS property to change the background color of an element to Hex EB1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB1817 }
```

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

```
.background{ background-color:#EB1817 }
```

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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