

Converting Colors

Hex(E21B13)

Have a look what the booklet for
Hex(E21B13) contains.

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Color

Hex(E21B13)

Conversions

Conversions Part 1

Format	Color
Hex	E21B13
RGB	226, 27, 19
RGB Percent	89%, 11%, 7%
CMY	0.1137, 0.8941, 0.9255
CMYK	0.00, 0.88, 0.92, 0.11
HSL	2°, 84%, 48%
HSV	2°, 92%, 89%
XYZ	31.8735, 16.9996, 2.2174
YIQ	85.5890, 121.1720, 39.7000

Conversions

Conversions Part 2

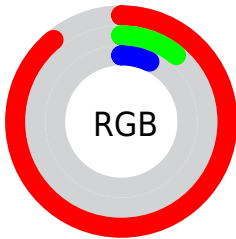
Format	Color
R_{YB}	226, 27, 19
Decimal	14818067
CIE Lab	48.26, 70.40, 56.18
CIE LCh	48, 90.062, 38.590
Yxy	16.9996, 0.6239, 0.3327
Android (android.graphics.Color)	4293008147 (0xFFE21B13)
YUV	85.5890, -32.8284, 123.1404
Hunter-Lab	41.2306, 65.8366, 25.6727

Details

The Hex color **E21B13** 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 **13DAE2**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6244**, and **A00000** is the 20% darker color. If you saturate the color by 10%, you get **E20900**, and if you desaturate by 10%, it is **E2312A**.

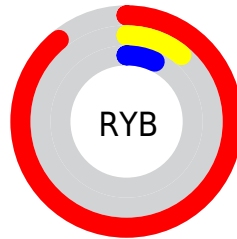
Distribution



Red (89%)

Green (11%)

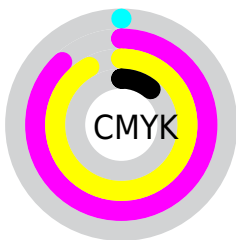
Blue (7%)



Red (89%)

Yellow (11%)

Blue (7%)

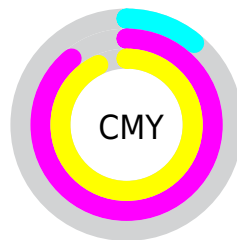


Cyan (0%)

Magenta (88%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color E21B13 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 E21B13 by changing the saturation by 10% instead.

 E21B13

 E21B13

FFFFFF

 C10000

 FF6244

 A00000

 FF805D

 800000

 FF9D77

 600001

 FFBB91

 430003

 FFD8AC

 220001

 FFF6C8

 000000

 FFFFE4

 E21B13

 E21B13

 E20900

 E2312A

 E24640

 E25C57

 E2726D

 E28884

 E29D9B

 E2B3B1

 E2C9C8

 E2DFDE

Harmonies

Analogous

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



F20061



E21B13



B75900

Triad

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



E21B13



008E36



0077FF

Complementary

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



E21B13



13DAE2

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.



008AFF



E21B13



009087

Square

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



E21B13



008600



0090D1



8850EC

Rectangle

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



E21B13



8F6F00



0090D1



007FFF

Sweetspot

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



E21B13



FFBDBA



E213DB



805857



000000



808080

Same Dimension

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



E21B13



FF0A00



E28113



706565



B00700



300200

Inverse Universe

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



13DAE2



00F5FF



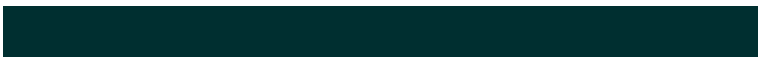
1374E2



657070



00A9B0



002F30

Previews

White Background



This preview shows how the Hex color E21B13 looks on a white background.

Color Contrast Check

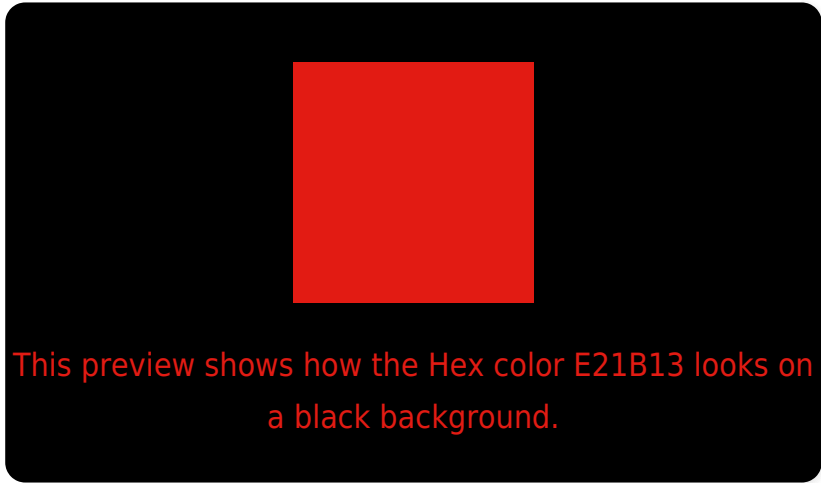
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex E21B13 Background



This preview shows how black text looks on a background with the Hex color E21B13.



This preview shows how white text looks on a background with the Hex color E21B13.

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
E21B13

Protanopia
817426

Deuteranopia
926E00



Tritanopia
E21B15

Trichromacy



Original Color
E21B13

Protanomaly
A4541F

Deuteranomaly
AF5007

Tritanomaly
E21B14

Monochromacy



Original Color
E21B13

Achromatopsia
565656

Achromatomaly
89413E

CSS Examples

Text

The CSS property to change the color of the text to Hex E21B13 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 #E21B13 looks like.

```
.text, #text, p{  
    color:#E21B13  
}
```

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 #E21B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E21B13
}
```

Border

The CSS property to change the border of an element to Hex E21B13 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".

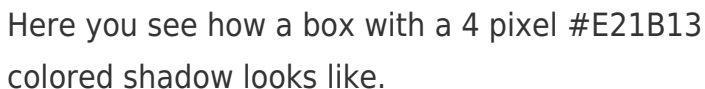
```
.border, #border, table{ border:4px solid
#E21B13 }
```

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

```
.border{ border-color:#E21B13 }
```

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

Here you see how a box with a 4 pixel #E21B13 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E21B13; -webkit-box-shadow:4px 4px  
4px 4px #E21B13; box-shadow:4px 4px 4px  
4px #E21B13 }
```

Background

The CSS property to change the background color of an element to Hex E21B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E21B13 }
```

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

```
.background{ background-color:#E21B13 }
```

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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