

Converting Colors

Hex(E22B18)

Have a look what the booklet for
Hex(E22B18) contains.

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Color

Hex(E22B18)

Conversions

Conversions Part 1

Format	Color
Hex	E22B18
RGB	226, 43, 24
RGB Percent	89%, 17%, 9%
CMY	0.1137, 0.8314, 0.9059
CMYK	0.00, 0.81, 0.89, 0.11
HSL	6°, 81%, 49%
HSV	6°, 89%, 89%
XYZ	32.3928, 17.9625, 2.6240
YIQ	95.5510, 115.1670, 32.8870

Conversions

Conversions Part 2

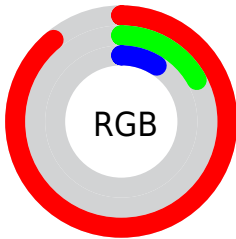
Format	Color
RYB	226, 45, 24
Decimal	14822168
CIELab	49.45, 67.14, 55.08
CIELCh	49, 86.839, 39.364
Yxy	17.9625, 0.6114, 0.3390
Android (android.graphics.Color)	4293012248 (0xFFE22B18)
YUV	95.5510, -35.2746, 114.4038
Hunter-Lab	42.3821, 62.2593, 25.9967

Details

The Hex color **E22B18** 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 **18CFE2**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6B49**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E21701**, and if you desaturate by 10%, it is **E23F2F**.

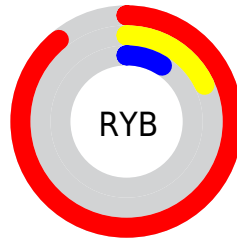
Distribution



Red (89%)

Green (17%)

Blue (9%)



Red (89%)

Yellow (18%)

Blue (9%)

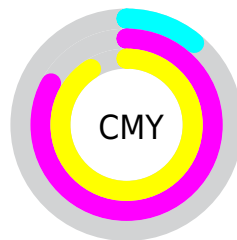


Cyan (0%)

Magenta (81%)

Yellow (89%)

Black (11%)



Cyan (11%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E22B18 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 E22B18 by changing the saturation by 10% instead.

 E22B18

 E22B18

FFFFFF

 C10000

 FF6B49

 A10000

 FF8862

 810000

 FFA57B

 610001

 FFC296

 450003

 FFDFB1

 230001

 FFFDCD

 000000

 FFFF E9

 E22B18

 E22B18

 E21701

 E23F2F

 E21500

 E25445

 E2685C

 E27D72

 E29189

 E2A6A0

 E2BAB6

 E2CFCD

 E2E3E3

Harmonies

Analogous

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



F20062



E22B18



B75E00

Triad

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



E22B18



00903D



0079FF

Complementary

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



E22B18



18CFE2

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.



008CFF



E22B18



00938C

Square

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



E22B18



118900



0093D3



8F53E9

Rectangle

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



E22B18



917200



0093D3



0081FF

Sweetspot

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



E22B18



FFC1BA



E218D1



805B57



000000



808080

Same Dimension

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



E22B18



FF1800



E28E18



706665



B01100



300500

Inverse Universe

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



18CFE2



00E7FF



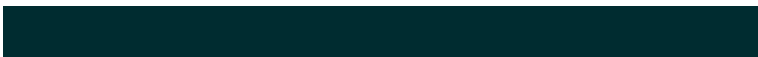
186CE2



656F70



009FB0



002C30

Previews

White Background



This preview shows how the Hex color E22B18 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 E22B18 Background



This preview shows how black text looks on a background with the Hex color E22B18.



This preview shows how white text looks on a background with the Hex color E22B18.

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
E22B18

Protanomaly
A65B23

Tritanomaly
E22A22

Monochromacy



Original Color
E22B18

Achromatopsia
606060

Achromatomaly
8F4D46

CSS Examples

Text

The CSS property to change the color of the text to Hex E22B18 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 #E22B18 looks like.

```
.text, #text, p{  
    color:#E22B18  
}
```

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 #E22B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22B18
}
```

Border

The CSS property to change the border of an element to Hex E22B18 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".

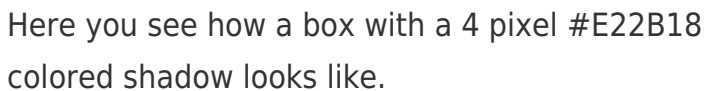
```
.border, #border, table{ border:4px solid
#E22B18 }
```

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

```
.border{ border-color:#E22B18 }
```

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

Here you see how a box with a 4 pixel #E22B18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22B18; -webkit-box-shadow:4px 4px  
4px 4px #E22B18; box-shadow:4px 4px 4px  
4px #E22B18 }
```

Background

The CSS property to change the background color of an element to Hex E22B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22B18 }
```

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

```
.background{ background-color:#E22B18 }
```

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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