

Converting Colors

Hex(E22310)

Have a look what the booklet for
Hex(E22310) contains.

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Color

Hex(E22310)

Conversions

Conversions Part 1

Format	Color
Hex	E22310
RGB	226, 35, 16
RGB Percent	89%, 14%, 6%
CMY	0.1137, 0.8627, 0.9373
CMYK	0.00, 0.85, 0.93, 0.11
HSL	5°, 87%, 47%
HSV	5°, 93%, 89%
XYZ	32.0586, 17.4082, 2.1607
YIQ	89.9430, 119.9350, 34.5830

Conversions

Conversions Part 2

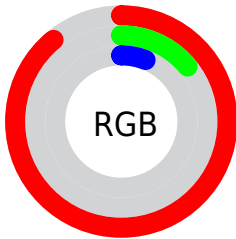
Format	Color
R_{YB}	226, 37, 16
Decimal	14820112
CIE Lab	48.77, 68.87, 57.53
CIE LCh	49, 89.731, 39.874
Yxy	17.4082, 0.6210, 0.3372
Android (android.graphics.Color)	4293010192 (0xFFE22310)
YUV	89.9430, -36.4539, 119.3220
Hunter-Lab	41.7232, 64.1375, 26.1358

Details

The Hex color **E22310** 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 **10CFE2**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6642**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E21400**, and if you desaturate by 10%, it is **E23827**.

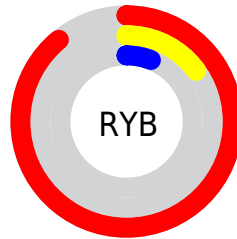
Distribution



Red (89%)

Green (14%)

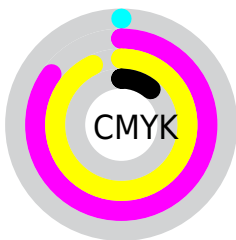
Blue (6%)



Red (89%)

Yellow (15%)

Blue (6%)

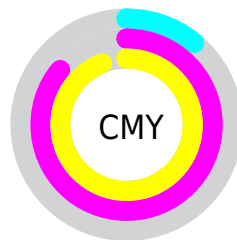


Cyan (0%)

Magenta (85%)

Yellow (93%)

Black (11%)



Cyan (11%)

Magenta (86%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E22310 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 E22310 by changing the saturation by 10% instead.

 E22310

 E22310

FFFFFF

 C10000

 FF6642

 A10000

 FF835B

 800000

 FFA075

 610001

 FFBE8F

 440003

 FFDBAA

 220001

 FFF9C6

 000000

 FFFFE2

 E22310

 E22310

 E21400

 E23827

 E24C3D

 E26154

 E2756A

 E28A81

 E29E98

 E2B3AE

 E2C7C5

 E2DCDB

Harmonies

Analogous

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



F3005F



E22310



B65C00

Triad

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



E22310



008F3B



0077FF

Complementary

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



E22310



10CFE2

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.



008BFF



E22310



00928C

Square

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



E22310



008800



0092D5



8F4FEB

Rectangle

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



E22310



8E7100



0092D5



007FFF

Sweetspot

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



E22310



FFBEB8



E210D1



805854



000000



808080

Same Dimension

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



E22310



FF1700



E28B10



706665



B01000



300400

Inverse Universe

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



10CFE2



00E8FF



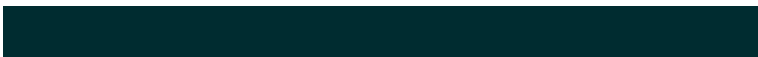
1068E2



656F70



00A0B0



002C30

Previews

White Background



This preview shows how the Hex color E22310 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 E22310 Background



This preview shows how black text looks on a background with the Hex color E22310.



This preview shows how white text looks on a background with the Hex color E22310.

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
E22310

Protanopia
837523

Deuteranopia
936F00



Tritanopia
E2221F

Trichromacy



Original Color
E22310

Protanomaly
A6571C

Deuteranomaly
B05306

Tritanomaly
E2221A

Monochromacy



Original Color
E22310

Achromatopsia
5A5A5A

Achromatomaly
8B463F

CSS Examples

Text

The CSS property to change the color of the text to Hex E22310 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 #E22310 looks like.

```
.text, #text, p{  
    color:#E22310  
}
```

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 #E22310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22310
}
```

Border

The CSS property to change the border of an element to Hex E22310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

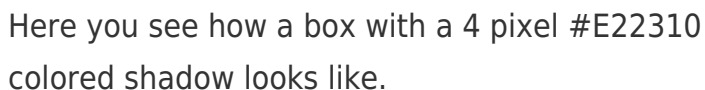
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E22310 }
```

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

```
.border{ border-color:#E22310 }
```

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



Here you see how a box with a 4 pixel #E22310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22310; -webkit-box-shadow:4px 4px  
4px 4px #E22310; box-shadow:4px 4px 4px  
4px #E22310 }
```

Background

The CSS property to change the background color of an element to Hex E22310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22310 }
```

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

```
.background{ background-color:#E22310 }
```

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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