

Converting Colors

Hex(E31212)

Have a look what the booklet for
Hex(E31212) contains.

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Color

Hex(E31212)

Conversions

Conversions Part 1

Format	Color
Hex	E31212
RGB	227, 18, 18
RGB Percent	89%, 7%, 7%
CMY	0.1098, 0.9294, 0.9294
CMYK	0.00, 0.92, 0.92, 0.11
HSL	0°, 85%, 48%
HSV	0°, 92%, 89%
XYZ	32.0040, 16.8072, 2.1296
YIQ	80.4910, 124.5640, 44.3080

Conversions

Conversions Part 2

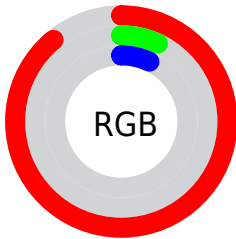
Format	Color
RYB	227, 18, 18
Decimal	14881298
CIELab	48.02, 71.92, 56.49
CIELCh	48, 91.450, 38.147
Yxy	16.8072, 0.6283, 0.3299
Android (android.graphics.Color)	4293071378 (0xFFE31212)
YUV	80.4910, -30.8081, 128.4884
Hunter-Lab	40.9966, 67.6024, 25.6178

Details

The Hex color **E31212** 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 **12E3E3**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5F43**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E30000**, and if you desaturate by 10%, it is **E32929**.

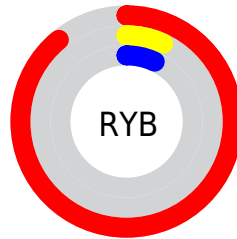
Distribution



Red (89%)

Green (7%)

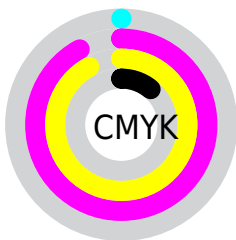
Blue (7%)



Red (89%)

Yellow (7%)

Blue (7%)

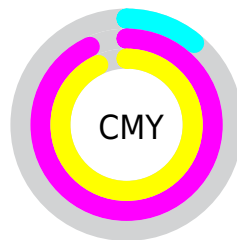


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31212 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 E31212 by changing the saturation by 10% instead.

 E31212

 E31212

FFFFFF

 C20000

 FF5F43

 A10000

 FF7D5C

 810000

 FF9A75

 610002

 FFB890

 440003

 FFD6AB

 220001

 FFF4C6

 000000

 FFFF E3

 E31212

 E31212

 E30000

 E32929

 E33F3F

 E35656

 E36D6D

 E38484

 E39A9A

 E3B1B1

 E3C8C8

 E3DEDE

Harmonies

Analogous

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



F20061



E31212



B75700

Triad

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



E31212



008D33



0077FF

Complementary

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



E31212



12E3E3

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



E31212



009086

Square

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



E31212



008600



0090D1



854FEE

Rectangle

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



E31212



8F6E00



0090D1



007FFF

Sweetspot

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



E31212



FFB8B8



E312E3



805454



000000



808080

Same Dimension

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



E31212



FF0000



E37A12



736767



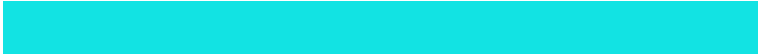
B30000



330000

Inverse Universe

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



12E3E3



00FFFF



127AE3



677373



00B3B3



003333

Previews

White Background



This preview shows how the Hex color E31212 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 E31212 Background



This preview shows how black text looks on a background with the Hex color E31212.



This preview shows how white text looks on a background with the Hex color E31212.

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
E31212

Protanopia
817326

Deuteranopia
916D00



Tritanopia
E31400

Trichromacy



Original Color
E31212

Protanomaly
A5501F

Deuteranomaly
AF4C07

Tritanomaly
E31307

Monochromacy



Original Color
E31212

Achromatopsia
505050

Achromatomaly
853939

CSS Examples

Text

The CSS property to change the color of the text to Hex E31212 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 #E31212 looks like.

```
.text, #text, p{  
    color:#E31212  
}
```

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 #E31212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31212
}
```

Border

The CSS property to change the border of an element to Hex E31212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

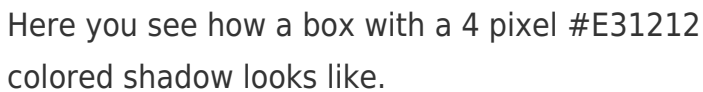
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E31212 }
```

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

```
.border{ border-color:#E31212 }
```

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



Here you see how a box with a 4 pixel `#E31212` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31212; -webkit-box-shadow:4px 4px  
4px 4px #E31212; box-shadow:4px 4px 4px  
4px #E31212 }
```

Background

The CSS property to change the background color of an element to Hex E31212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31212 }
```

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

```
.background{ background-color:#E31212 }
```

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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