

Converting Colors

Hex(C31316)

Have a look what the booklet for
Hex(C31316) contains.

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Color

Hex(C31316)

Conversions

Conversions Part 1

Format	Color
Hex	C31316
RGB	195, 19, 22
RGB Percent	76%, 7%, 9%
CMY	0.2353, 0.9255, 0.9137
CMYK	0.00, 0.90, 0.89, 0.24
HSL	359°, 82%, 42%
HSV	359°, 90%, 76%
XYZ	22.8834, 12.1258, 1.8935
YIQ	71.9660, 103.9330, 38.2450

Conversions

Conversions Part 2

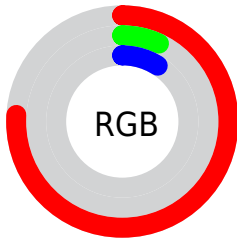
Format	Color
R_{YB}	195, 19, 22
Decimal	12784406
CIE Lab	41.42, 63.57, 47.18
CIE LCh	41, 79.163, 36.579
Yxy	12.1258, 0.6201, 0.3286
Android (android.graphics.Color)	4290974486 (0xFFC31316)
YUV	71.9660, -24.6332, 107.9008
Hunter-Lab	34.8221, 56.3628, 21.1515

Details

The Hex color **C31316** 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 **13C3C0**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5944**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C30003**, and if you desaturate by 10%, it is **C32629**.

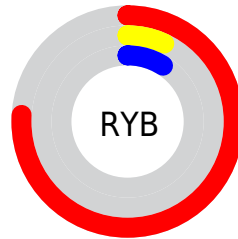
Distribution



Red (76%)

Green (7%)

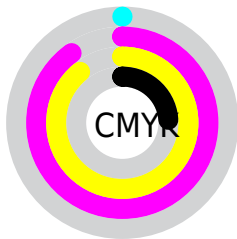
Blue (9%)



Red (76%)

Yellow (7%)

Blue (9%)

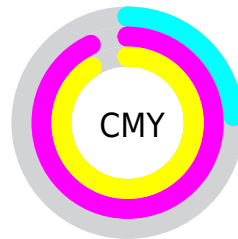


Cyan (0%)

Magenta (90%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C31316 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 C31316 by changing the saturation by 10% instead.

 C31316

 C31316

FFFFFF

 A30000

 FF5944

 830000

 FF765D

 640000

 FF9276

 470003

 FFAF90

 280001

 FFCCAB

 000000

 FFEAC6

 FFFFE2

 C31316

 C31316

 C30003

 C32629

 C33A3C

 C34D50

 C36163

 C37476

 C38889

 C39B9C

 C3AF AF

 C3C2C3

Harmonies

Analogous

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



CE0057



C31316



9F4A00

Triad

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



C31316



007929



0067E6

Complementary

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



C31316



13C3C0

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.



0076DB



C31316



007B6F

Square

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



C31316



187200



007BAF



6D47CC

Rectangle

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



C31316



7E5D00



007BAF



006DE6

Sweetspot

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



C31316



FCB8B9



BD13C3



805757



000000



808080

Same Dimension

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



C31316



FC0004



C36513



615757



A10003



210001

Inverse Universe

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



C31316



FC0004



1371C3



615757



A10003



210001

Previews

White Background



This preview shows how the Hex color C31316 looks on a white background.

Color Contrast Check

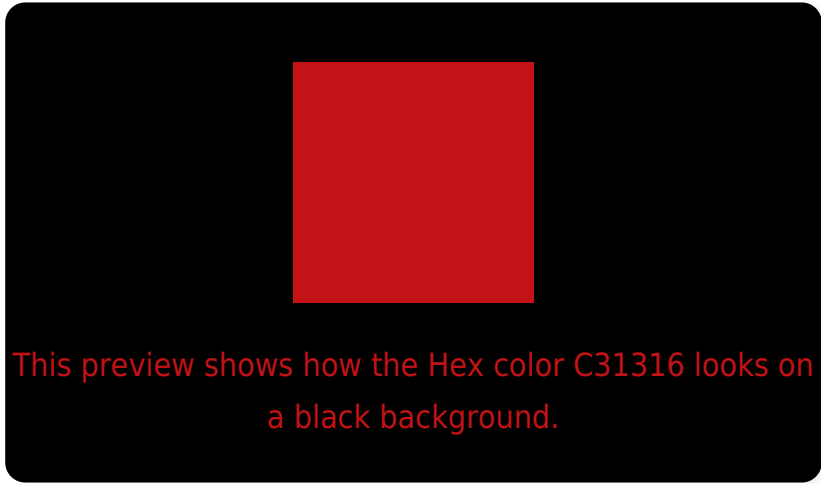
Large Text (above 18pt) WCAG AA ✓ Pass

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 C31316 Background



This preview shows how black text looks on a background with the Hex color C31316.



This preview shows how white text looks on a background with the Hex color C31316.

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
C31316

Protanopia
6F6327

Deuteranopia
7D5E00

Trichromacy



Original Color
C31316

Protanomaly
8E4621

Deuteranomaly
964308

Tritanomaly
C31410

Monochromacy



Original Color
C31316

Achromatopsia
484848

Achromatomaly
753536

CSS Examples

Text

The CSS property to change the color of the text to Hex C31316 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 #C31316 looks like.

```
.text, #text, p{  
    color:#C31316  
}
```

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 #C31316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C31316
}
```

Border

The CSS property to change the border of an element to Hex C31316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

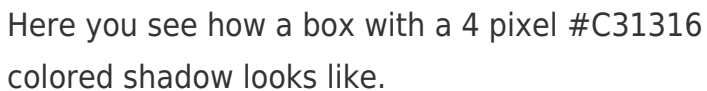
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C31316 }
```

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

```
.border{ border-color:#C31316 }
```

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



Here you see how a box with a 4 pixel `#C31316` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C31316; -webkit-box-shadow:4px 4px  
4px 4px #C31316; box-shadow:4px 4px 4px  
4px #C31316 }
```

Background

The CSS property to change the background color of an element to Hex C31316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C31316 }
```

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

```
.background{ background-color:#C31316 }
```

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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