

Converting Colors

Hex(C03112)

Have a look what the booklet for
Hex(C03112) contains.

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Color

Hex(C03112)

Conversions

Conversions Part 1

Format	Color
Hex	C03112
RGB	192, 49, 18
RGB Percent	75%, 19%, 7%
CMY	0.2471, 0.8078, 0.9294
CMYK	0.00, 0.74, 0.91, 0.25
HSL	11°, 83%, 41%
HSV	11°, 91%, 75%
XYZ	22.9457, 13.4468, 1.9584
YIQ	88.2230, 95.1790, 20.6750

Conversions

Conversions Part 2

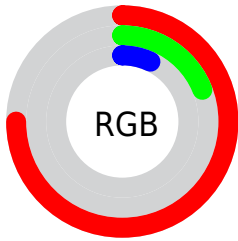
Format	Color
R_{YB}	192, 56, 18
Decimal	12595474
CIE Lab	43.43, 55.17, 50.06
CIE LCh	43, 74.501, 42.219
Yxy	13.4468, 0.5983, 0.3506
Android (android.graphics.Color)	4290785554 (0xFFC03112)
YUV	88.2230, -34.6199, 91.0124
Hunter-Lab	36.6698, 47.5221, 22.5025

Details

The Hex color **C03112** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **12A1C0**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6A43**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C02200**, and if you desaturate by 10%, it is **C04125**.

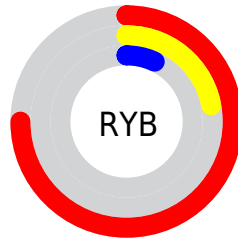
Distribution



Red (75%)

Green (19%)

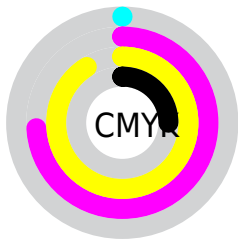
Blue (7%)



Red (75%)

Yellow (22%)

Blue (7%)

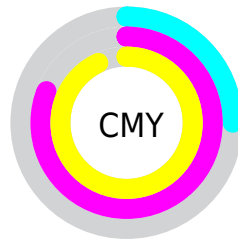


Cyan (0%)

Magenta (74%)

Yellow (91%)

Black (25%)



Cyan (25%)

Magenta (81%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C03112 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 C03112 by changing the saturation by 10% instead.

 C03112

 C03112

FFFFFFE

 A00A00

 FF6A43

 810000

 FF855B

 630000

 FFA175

 450001

 FFBE8F

 280001

 FFDAAA

 000000

 FFF8C5

 FFFFEE2

 C03112

 C03112

■ C02200

■ C04125

■ C05138

■ C0604C

■ C0705F

■ C08072

■ C09085

■ C09F98

■ C0AFAC

■ C0BFBF

Harmonies

Analogous

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



CF0051



C03112



9B5600

Triad

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



C03112



007E3E



0067E1

Complementary

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



C03112



12A1C0

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.



0078DE



C03112



00807F

Square

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



C03112



067800



007FB9



8547C3

Rectangle

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



C03112



7A6600



007FB9



006EE4

Sweetspot

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



C03112



FAC2B6



C012A3



7D5C55



FCFCFC



7D7D7D

Same Dimension

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



C03112



FA2D00



C08612



615957



A11D00



210600

Inverse Universe

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



12A1C0



00CDFA



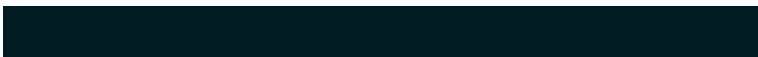
124CC0



575F61



0084A1



001B21

Previews

White Background



This preview shows how the Hex color C03112 looks on a white background.

Color Contrast Check

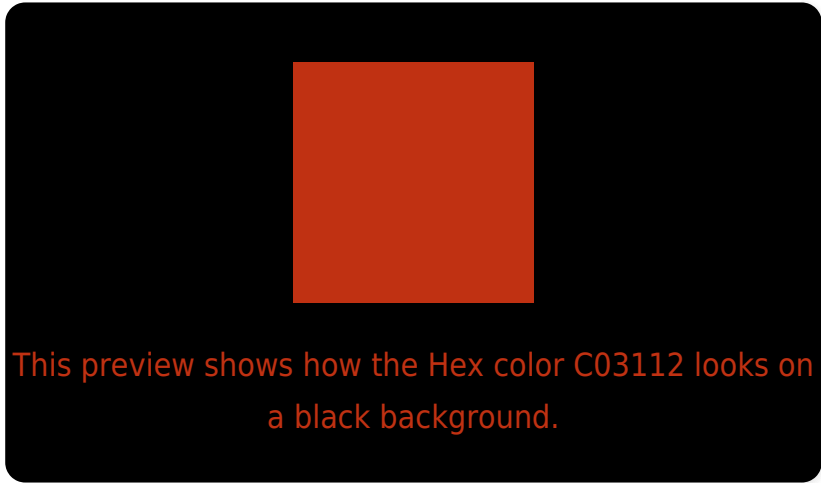
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03112 Background



This preview shows how black text looks on a background with the Hex color C03112.



This preview shows how white text looks on a background with the Hex color C03112.

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

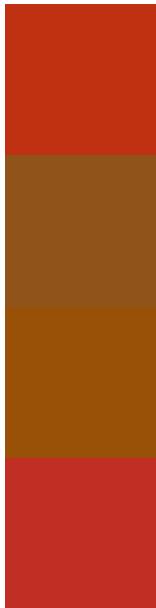


Original Color
C03112

Protanopia
74681F

Deuteranopia
836200

Trichromacy



Original Color
C03112

Protanomaly
90541A

Deuteranomaly
995007

Tritanomaly
C12F24

Monochromacy



Original Color
C03112

Achromatopsia
585858

Achromatomaly
7E4A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex C03112 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 #C03112 looks like.

```
.text, #text, p{  
    color:#C03112  
}
```

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 #C03112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03112
}
```

Border

The CSS property to change the border of an element to Hex C03112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

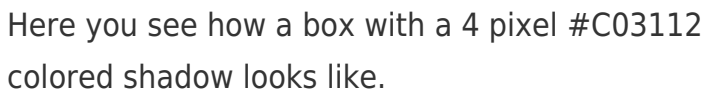
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C03112 }
```

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

```
.border{ border-color:#C03112 }
```

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



Here you see how a box with a 4 pixel #C03112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03112; -webkit-box-shadow:4px 4px  
4px 4px #C03112; box-shadow:4px 4px 4px  
4px #C03112 }
```

Background

The CSS property to change the background color of an element to Hex C03112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03112 }
```

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

```
.background{ background-color:#C03112 }
```

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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