

Converting Colors

Hex(C33304)

Have a look what the booklet for
Hex(C33304) contains.

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Color

Hex(C33304)

Conversions

Conversions Part 1

Format	Color
Hex	C33304
RGB	195, 51, 4
RGB Percent	76%, 20%, 2%
CMY	0.2353, 0.8000, 0.9843
CMYK	0.00, 0.74, 0.98, 0.24
HSL	15°, 96%, 39%
HSV	15°, 98%, 76%
XYZ	23.7114, 13.9785, 1.5633
YIQ	88.6980, 100.9110, 15.9110

Conversions

Conversions Part 2

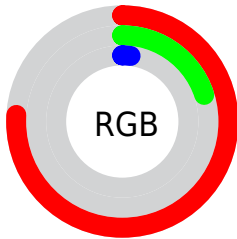
Format	Color
R_{YB}	195, 66, 4
Decimal	12792580
CIE _{Lab}	44.20, 55.27, 55.19
CIE _{LCh}	44, 78.102, 44.959
Yxy	13.9785, 0.6041, 0.3561
Android (android.graphics.Color)	4290982660 (0xFFC33304)
YUV	88.6980, -41.7561, 93.2269
Hunter-Lab	37.3879, 47.7761, 23.6925

Details

The Hex color **C33304** 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 **0494C3**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6B3A**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C33000**, and if you desaturate by 10%, it is **C34217**.

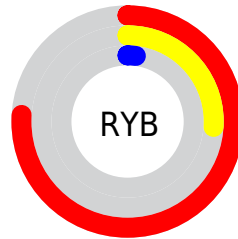
Distribution



Red (76%)

Green (20%)

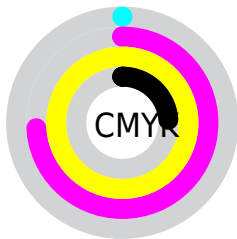
Blue (2%)



Red (76%)

Yellow (26%)

Blue (2%)

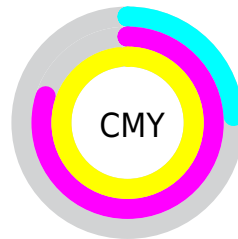


Cyan (0%)

Magenta (74%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33304 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 C33304 by changing the saturation by 10% instead.

 C33304

 C33304

 FFFFF6

 A30E00

 FF6B3A

 840000

 FF8753

 650000

 FFA36C

 480001

 FFBF87

 2B0001

 FFDCA1

 000000

 FFFABD

 FFFF99

 C33304

 C33304

 C33000

 C34217

 C3502B

 C35F3E

 C36E52

 C37D65

 C38B79

 C39A8C

 C3A9A0

 C3B7B3

Harmonies

Analogous

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



D6004C



C33304



9A5900

Triad

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



C33304



008144



0066E8

Complementary

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



C33304



0494C3

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.



007AE8



C33304



008388

Square

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



C33304



007C00



0082C4



9043C6

Rectangle

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



C33304



776A00



0082C4



006EEC

Sweetspot

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



C33304



FCC5B3



C30496



805E53



000000



808080

Same Dimension

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



C33304



FC3E00



C39004



615A57



A12800



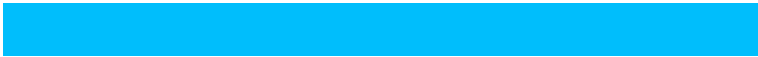
210800

Inverse Universe

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



0494C3



00BEFC



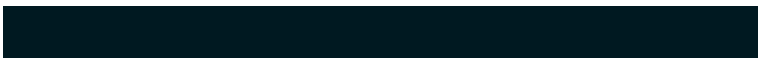
0437C3



575F61



0079A1



001921

Previews

White Background



This preview shows how the Hex color C33304 looks on a white background.

Color Contrast Check

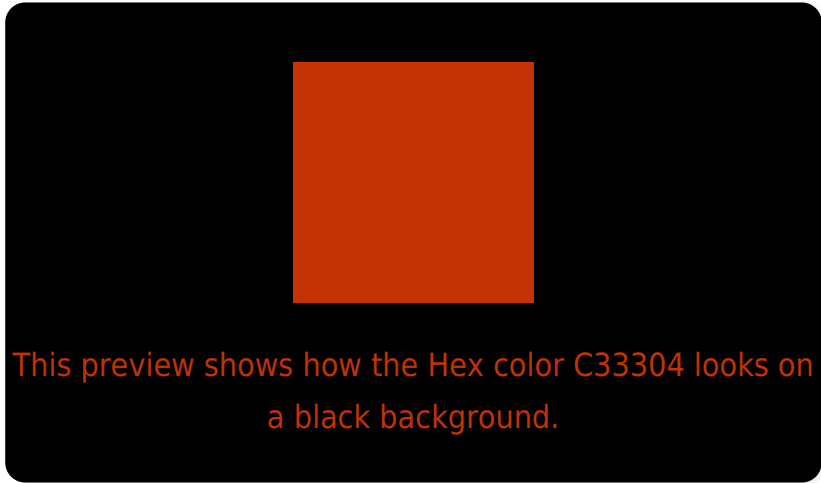
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33304 Background



This preview shows how black text looks on a background with the Hex color C33304.



This preview shows how white text looks on a background with the Hex color C33304.

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
C33304

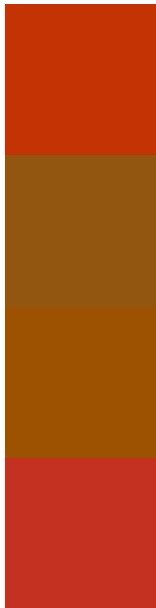
Protanopia
776A17

Deuteranopia
856400



Tritanopia
C43031

Trichromacy



Original Color
C33304

Protanomaly
935610

Deuteranomaly
9C5201

Tritanomaly
C43121

Monochromacy



Original Color
C33304

Achromatopsia
595959

Achromatomaly
804B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex C33304 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 #C33304 looks like.

```
.text, #text, p{  
    color:#C33304  
}
```

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 #C33304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33304
}
```

Border

The CSS property to change the border of an element to Hex C33304 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
#C33304 }
```

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

```
.border{ border-color:#C33304 }
```

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

Here you see how a box with a 4 pixel #C33304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33304; -webkit-box-shadow:4px 4px  
4px 4px #C33304; box-shadow:4px 4px 4px  
4px #C33304 }
```

Background

The CSS property to change the background color of an element to Hex C33304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33304 }
```

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

```
.background{ background-color:#C33304 }
```

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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