

Converting Colors

Hex(C10000)

Have a look what the booklet for
Hex(C10000) contains.

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Color

Hex(C10000)

Conversions

Conversions Part 1

Format	Color
Hex	C10000
RGB	193, 0, 0
RGB Percent	76%, 0%, 0%
CMY	0.2431, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.24
HSL	0°, 100%, 38%
HSV	0°, 100%, 76%
XYZ	21.9923, 11.3375, 1.0292
YIQ	57.7070, 115.0280, 40.9160

Conversions

Conversions Part 2

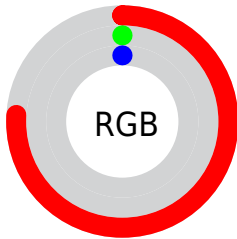
Format	Color
RYB	193, 0, 0
Decimal	12648448
CIELab	40.14, 64.96, 54.51
CIELCh	40, 84.804, 40.000
Yxy	11.3375, 0.6401, 0.3300
Android (android.graphics.Color)	4290838528 (0xFFC10000)
YUV	57.7070, -28.4496, 118.6520
Hunter-Lab	33.6711, 57.6629, 21.7575

Details

The Hex color **C10000** 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 **00C1C1**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **FF5233**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C10000**, and if you desaturate by 10%, it is **C11313**.

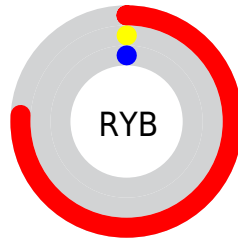
Distribution



Red (76%)

Green (0%)

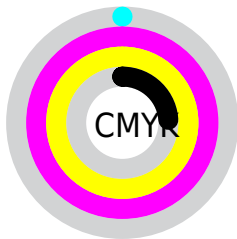
Blue (0%)



Red (76%)

Yellow (0%)

Blue (0%)

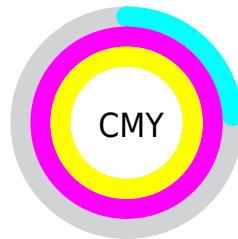


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C10000 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 C10000 by changing the saturation by 10% instead.

 C10000

 C10000

 FFFFEC

 A10000

 FF5233

 810000

 FF704B

 610000

 FF8C64

 450003

 FFA97E

 240001

 FFC699

 000000

 FFE4B4

 FFFF00

 C10000

 C11313

 C12727

 C13A3A

 C14D4D

 C16161

 C17474

 C18787

 C19A9A

 C1AEAE

Harmonies

Analogous

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



D1004B



C10000



984900

Triad

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



C10000



00772A



0062EB

Complementary

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



C10000



00C1C1

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.



0073E3



C10000



007975

Square

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



C10000



007100



0079B8



763CCB

Rectangle

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



C10000



745D00



0079B8



0069ED

Sweetspot

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



C10000



FAAFAF



C100C1



7D5050



FCFCFC



7D7D7D

Same Dimension

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



C10000



FA0000



C16100



615757



A10000



210000

Inverse Universe

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



00C1C1



00FAFA



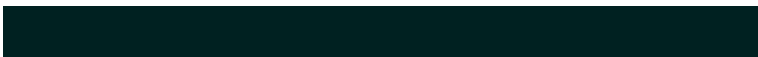
0061C1



576161



00A1A1



002121

Previews

White Background



This preview shows how the Hex color C10000 looks on a white background.

Color Contrast Check

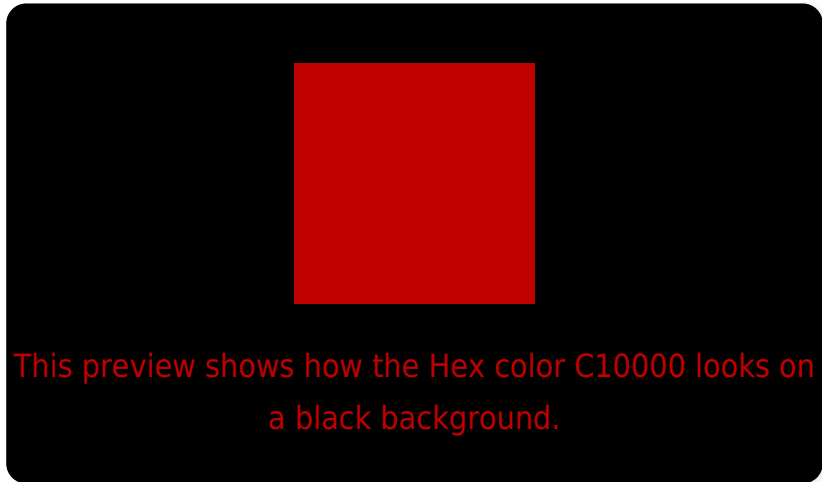
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10000 Background



This preview shows how black text looks on a background with the Hex color C10000.



This preview shows how white text looks on a background with the Hex color C10000.

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



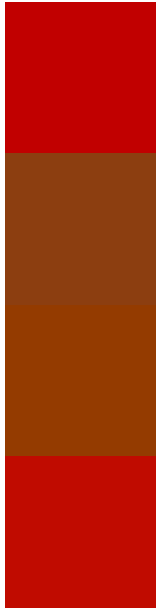
Original Color
C10000

Protanopia
6D6219

Deuteranopia
7B5D00



Trichromacy



Original Color
C10000

Protanomaly
8C3E10

Deuteranomaly
943B00

Tritanomaly
C00B00

Monochromacy



Original Color
C10000

Achromatopsia
3A3A3A

Achromatomaly
6B2525

CSS Examples

Text

The CSS property to change the color of the text to Hex C10000 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 #C10000 looks like.

```
.text, #text, p{  
    color:#C10000  
}
```

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 #C10000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10000
}
```

Border

The CSS property to change the border of an element to Hex C10000 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
#C10000 }
```

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

```
.border{ border-color:#C10000 }
```

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

Here you see how a box with a 4 pixel #C10000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10000; -webkit-box-shadow:4px 4px  
4px 4px #C10000; box-shadow:4px 4px 4px  
4px #C10000 }
```

Background

The CSS property to change the background color of an element to Hex C10000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10000 }
```

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

```
.background{ background-color:#C10000 }
```

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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