

# Converting Colors

Hex(C10B00)

Have a look what the booklet for  
Hex(C10B00) contains.

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# Color

**Hex(C10B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C10B00
RGB	193, 11, 0
RGB Percent	76%, 4%, 0%
CMY	0.2431, 0.9569, 1.0000
CMYK	0.00, 0.94, 1.00, 0.24
HSL	3°, 100%, 38%
HSV	3°, 100%, 76%
XYZ	22.1120, 11.5768, 1.0691
YIQ	64.1640, 112.0030, 35.1630

# Conversions

## Conversions Part 2

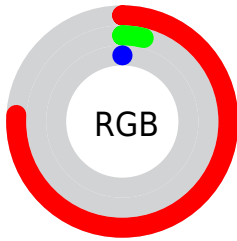
Format	Color
<b>RYB</b>	193, 12, 0
Decimal	12651264
CIELab	40.54, 63.83, 54.65
CIElCh	41, 84.026, 40.569
Yxy	11.5768, 0.6362, 0.3331
Android (android.graphics.Color)	4290841344 (0xFFC10B00)
YUV	64.1640, -31.6329, 112.9892
Hunter-Lab	34.0247, 56.4605, 21.9543

# Details

The Hex color **C10B00** 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 **00B6C1**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5534**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C10B00**, and if you desaturate by 10%, it is **C11D13**.

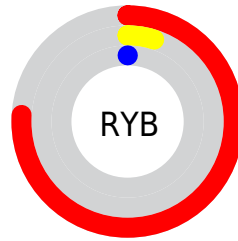
# Distribution



Red (76%)

Green (4%)

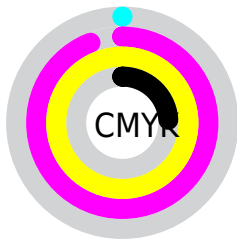
Blue (0%)



Red (76%)

Yellow (5%)

Blue (0%)

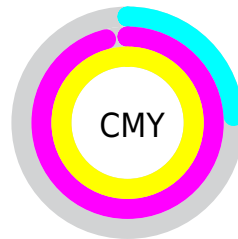


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (96%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C10B00 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 C10B00 by changing the saturation by 10% instead.



 C10B00

 C10B00

 FFFFED

 A10000

 FF5534

 810000

 FF724C

 620000

 FF8F65

 450003

 FFAC7F

 250001

 FFC999

 000000

 FFE6B5

 FFFFD1

 C10B00

 C11D13

 C12F27

 C1423A

 C1544D

 C16661

 C17874

 C18A87

 C19D9A

 C1AFAE

# Harmonies

## Analogous

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



D1004B



C10B00



984B00

# Triad

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



C10B00



00782D



0062EA

# Complementary

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



C10B00



00B6C1

# 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.



0074E4



C10B00



007A77

# Square

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



C10B00



007200



007AB9



793CCA

# Rectangle

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



C10B00



745E00



007AB9



006AEC



# Sweetspot

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



C10B00



FAB3AF



C100B7



7D5350



FCFCFC



7D7D7D



# Same Dimension

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



C10B00



FA0E00



C16A00



615857



A10900



210200



# Inverse Universe

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



00B6C1



00ECFA



0057C1



576061



0097A1



001F21



# Previews

## White Background



This preview shows how the Hex color C10B00 looks on a white background.

## Color Contrast Check

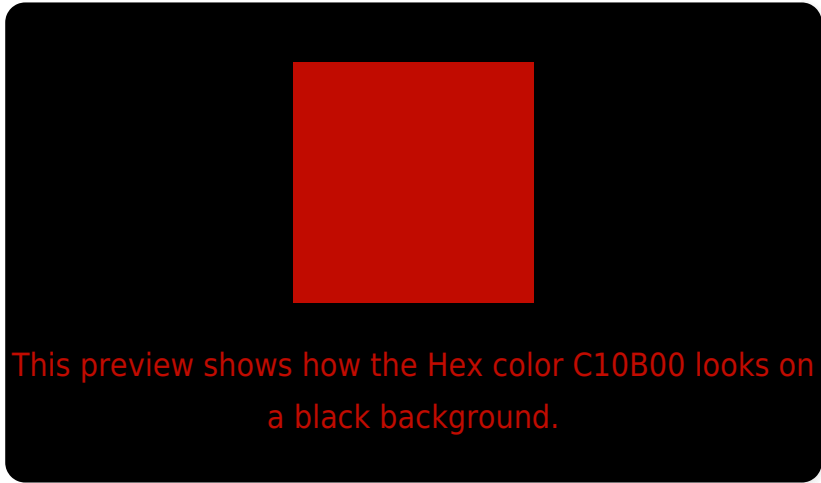
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10B00 Background



This preview shows how black text looks on a background with the Hex color C10B00.



This preview shows how white text looks on a background with the Hex color C10B00.

# 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**  
C10B00

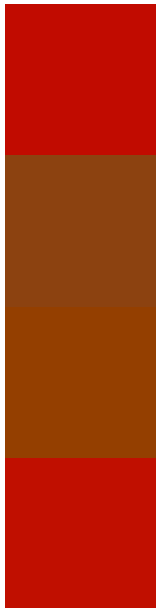
**Protanopia**  
6E6219

**Deuteranopia**  
7B5D00



**Tritanopia**  
C01200

# Trichromacy



**Original Color**  
C10B00

**Protanomaly**  
8C4210

**Deuteranomaly**  
943F00

**Tritanomaly**  
C00F00

# Monochromacy



**Original Color**  
C10B00

**Achromatopsia**  
404040

**Achromatomaly**  
6F2D29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C10B00 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 #C10B00 looks like.

```
.text, #text, p{  
    color:#C10B00  
}
```

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 #C10B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10B00
}
```

## Border

The CSS property to change the border of an element to Hex C10B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

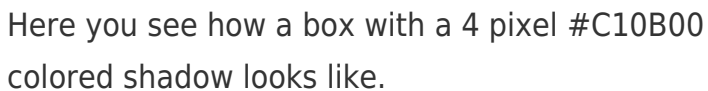
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10B00 }
```

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

```
.border{ border-color:#C10B00 }
```

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



Here you see how a box with a 4 pixel `#C10B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10B00; -webkit-box-shadow:4px 4px  
4px 4px #C10B00; box-shadow:4px 4px 4px  
4px #C10B00 }
```

# Background

The CSS property to change the background color of an element to Hex C10B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10B00 }
```

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

```
.background{ background-color:#C10B00 }
```

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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