

# Converting Colors

Hex(C20000)

Have a look what the booklet for  
Hex(C20000) contains.

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**Color**

**Hex(C20000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C20000
RGB	194, 0, 0
RGB Percent	76%, 0%, 0%
CMY	0.2392, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.24
HSL	0°, 100%, 38%
HSV	0°, 100%, 76%
XYZ	22.2481, 11.4693, 1.0412
YIQ	58.0060, 115.6240, 41.1280

# Conversions

## Conversions Part 2

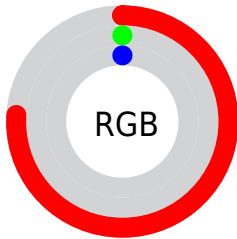
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 0, 0
Decimal	12713984
CIELab	40.36, 65.21, 54.72
CIELCh	40, 85.131, 40.000
Yxy	11.4693, 0.6401, 0.3300
Android (android.graphics.Color)	4290904064 (0xFFC20000)
YUV	58.0060, -28.5970, 119.2667
Hunter-Lab	33.8664, 57.9973, 21.8837

# Details

The Hex color **C20000** 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 **00C2C2**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **FF5333**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C20000**, and if you desaturate by 10%, it is **C21313**.

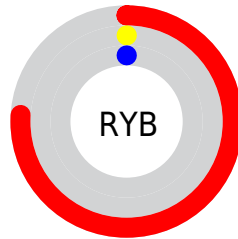
# Distribution



Red (76%)

Green (0%)

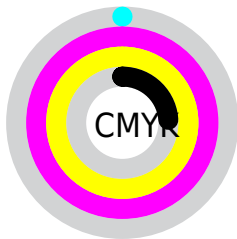
Blue (0%)



Red (76%)

Yellow (0%)

Blue (0%)

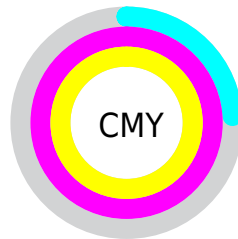


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C20000 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 C20000 by changing the saturation by 10% instead.



 C20000

 C20000

 FFFFED

 A20000

 FF5333

 820000

 FF704C

 620000

 FF8D65

 460003

 FFAA7E

 250001

 FFC799

 000000

 FFE4B4

 FFFF00

 C20000

 C21313

 C22727

 C23A3A

 C24E4E

 C26161

 C27474

 C28888

 C29B9B

 C2AF AF

# Harmonies

## Analogous

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



D2004C



C20000



994900

# Triad

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



C20000



00772B



0062EC

# Complementary

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



C20000



00C2C2

# 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.



0074E5



C20000



007A76

# Square

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



C20000



007100



007AB9



773CCC

# Rectangle

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



C20000



755D00



007AB9



006AEE



# Sweetspot

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



C20000



FCB1B1



C200C2



805252



000000



808080



# Same Dimension

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



C20000



FC0000



C26100



615757



A10000



210000



# Inverse Universe

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



00C2C2



00FCFC



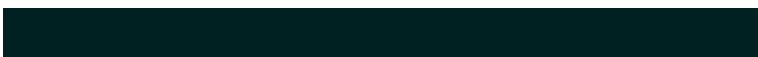
0061C2



576161



00A1A1



002121



# Previews

## White Background



This preview shows how the Hex color C20000 looks on a white background.

## Color Contrast Check

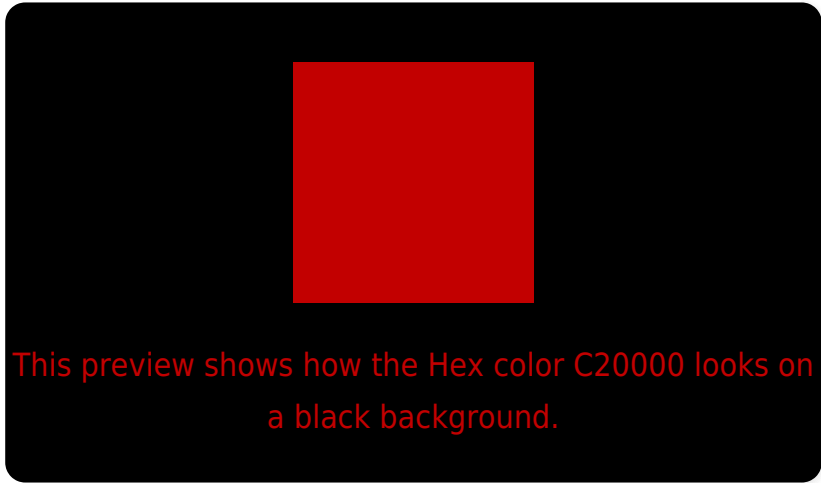
Large Text (above 18pt) WCAG AA ✓ Pass

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 C20000 Background



This preview shows how black text looks on a background with the Hex color C20000.



This preview shows how white text looks on a background with the Hex color C20000.

# 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



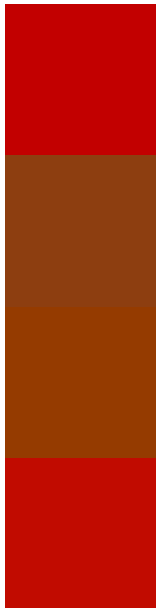
**Original Color**  
C20000

**Protanopia**  
6E6219

**Deuteranopia**  
7B5D00



# Trichromacy



**Original Color**  
C20000

**Protanomaly**  
8D3E10

**Deuteranomaly**  
953B00

**Tritanomaly**  
C10B00

# Monochromacy



**Original Color**  
C20000

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
6B2525

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C20000 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 #C20000 looks like.

```
.text, #text, p{  
    color:#C20000  
}
```

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 #C20000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20000
}
```

## Border

The CSS property to change the border of an element to Hex C20000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

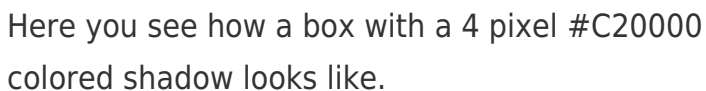
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C20000 }
```

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

```
.border{ border-color:#C20000 }
```

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



Here you see how a box with a 4 pixel `#C20000` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20000; -webkit-box-shadow:4px 4px  
4px 4px #C20000; box-shadow:4px 4px 4px  
4px #C20000 }
```

# Background

The CSS property to change the background color of an element to Hex C20000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20000 }
```

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

```
.background{ background-color:#C20000 }
```

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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