

# Converting Colors

Hex(CC0010)

Have a look what the booklet for  
Hex(CC0010) contains.

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# Color

**Hex(CC0010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0010
RGB	204, 0, 16
RGB Percent	80%, 0%, 6%
CMY	0.2000, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.92, 0.20
HSL	355°, 100%, 40%
HSV	355°, 100%, 80%
XYZ	24.9954, 12.8748, 1.6579
YIQ	62.8200, 116.4480, 48.2240

# Conversions

## Conversions Part 2

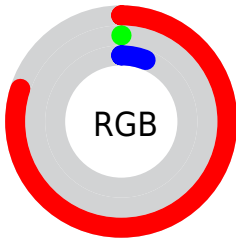
Format	Color
<a href="#">RYB</a>	204, 0, 16
Decimal	13369360
CIELab	42.57, 67.87, 51.42
CIElCh	43, 85.144, 37.150
Yxy	12.8748, 0.6323, 0.3257
Android (android.graphics.Color)	4291559440 (0xFFCC0010)
YUV	62.8200, -23.0823, 123.8149
Hunter-Lab	35.8814, 61.5523, 22.3775

# Details

The Hex color **CC0010** 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 **00CCBC**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FF5540**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CC0010**, and if you desaturate by 10%, it is **CC1423**.

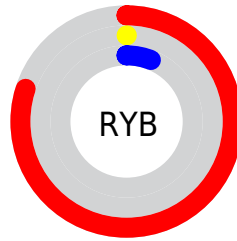
# Distribution



Red (80%)

Green (0%)

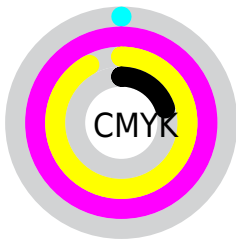
Blue (6%)



Red (80%)

Yellow (0%)

Blue (6%)

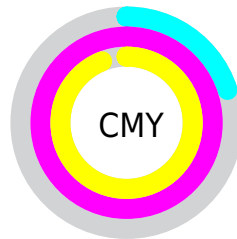


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (100%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0010 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 CC0010 by changing the saturation by 10% instead.



 CC0010

 CC0010

 FFFFFA

 AC0000

 FF5540

 8B0000

 FF7358

 6C0000

 FF9071

 4E0003

 FFAD8B

 2F0002

 FFCBA6

 000000

 FFE8C1

 FFFFDD

 CC0010

 CC1423

 CC2936

 CC3D48

 CC525B

 CC666E

 CC7A81

 CC8F94

 CCA3A6

 CCB8B9

# Harmonies

## Analogous

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



D90057



CC0010



A54B00

# Triad

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



CC0010



007D28



006AF3

# Complementary

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



CC0010



00CCBC

# 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



CC0010



008074

# Square

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



CC0010



017600



0080B9



7246D7

# Rectangle

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



CC0010



816000



0080B9



0071F4



# Sweetspot

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



CC0010



FFB3B8



BB00CC



805255



000000



808080



# Same Dimension

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



CC0010



FF0014



CC5500



665C5D



A6000D



260003



# Inverse Universe

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



CC0010



FF0014



0077CC



665C5D



A6000D



260003



# Previews

## White Background



This preview shows how the Hex color CC0010 looks on a white background.

## Color Contrast Check

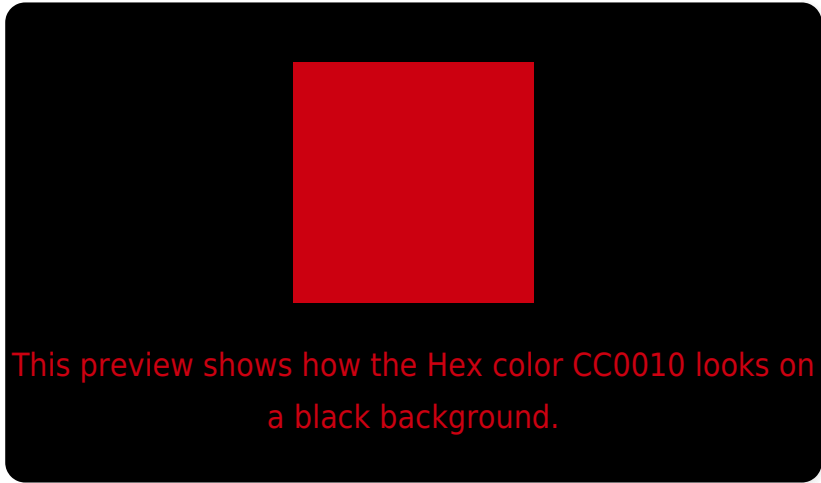
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0010 Background



This preview shows how black text looks on a background with the Hex color CC0010.



This preview shows how white text looks on a background with the Hex color CC0010.

# 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**  
CC0010

**Protanopia**  
736722

**Deuteranopia**  
826200



# Trichromacy



**Original Color**  
CC0010



**Protanomaly**  
93421B



**Deuteranomaly**  
9D3E06



**Tritanomaly**  
CB0C06

# Monochromacy



**Original Color**  
CC0010



**Achromatopsia**  
3F3F3F



**Achromatomaly**  
72282E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0010 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 #CC0010 looks like.

```
.text, #text, p{  
    color:#CC0010  
}
```

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 #CC0010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0010
}
```

## Border

The CSS property to change the border of an element to Hex CC0010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

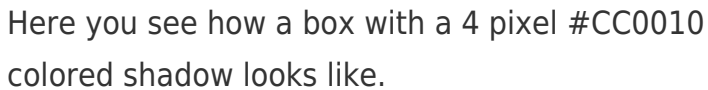
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC0010 }
```

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

```
.border{ border-color:#CC0010 }
```

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



Here you see how a box with a 4 pixel `#CC0010` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0010; -webkit-box-shadow:4px 4px  
4px 4px #CC0010; box-shadow:4px 4px 4px  
4px #CC0010 }
```

# Background

The CSS property to change the background color of an element to Hex CC0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0010 }
```

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

```
.background{ background-color:#CC0010 }
```

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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