

# Converting Colors

Hex(CD0008)

Have a look what the booklet for  
Hex(CD0008) contains.

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# Color

Hex(CD0008)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD0008
RGB	205, 0, 8
RGB Percent	80%, 0%, 3%
CMY	0.1961, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.96, 0.20
HSL	358°, 100%, 40%
HSV	358°, 100%, 80%
XYZ	25.2207, 12.9967, 1.4091
YIQ	62.2070, 119.6120, 45.9480

# Conversions

## Conversions Part 2

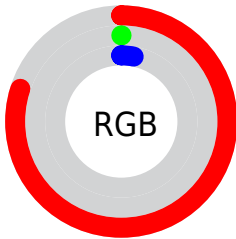
Format	Color
<a href="#">RYB</a>	<a href="#">205, 0, 8</a>
Decimal	<a href="#">13434888</a>
CIELab	<a href="#">42.76, 68.03, 54.35</a>
CIElCh	<a href="#">43, 87.076, 38.622</a>
Yxy	<a href="#">12.9967, 0.6365, 0.3280</a>
Android (android.graphics.Color)	<a href="#">4291624968</a> ( <a href="#">0xFFCD0008</a> )
YUV	<a href="#">62.2070, -26.7241, 125.2295</a>
Hunter-Lab	<a href="#">36.0509, 61.7869, 22.9183</a>

# Details

The Hex color **CD0008** 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 **00CDC5**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **FF553A**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CD0008**, and if you desaturate by 10%, it is **CD141C**.

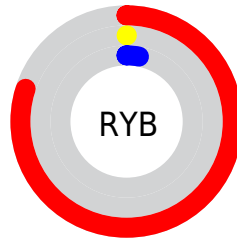
# Distribution



Red (80%)

Green (0%)

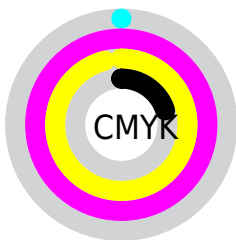
Blue (3%)



Red (80%)

Yellow (0%)

Blue (3%)

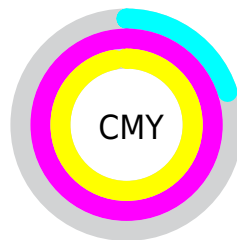


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (100%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD0008 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 CD0008 by changing the saturation by 10% instead.



 CD0008

 CD0008

 FFFFF5

 AD0000

 FF553A

 8C0000

 FF7353

 6C0000

 FF906C

 4E0003

 FFAD86

 300002

 FFCBA0

 000000

 FFE8BC

 FFFFD8

 CD0008

 CD141C

 CD292F

 CD3E43

 CD5257

 CD676B

 CD7B7E

 CD9092

 CDA4A6

 CDB9B9

# Harmonies

## Analogous

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



DC0054



CD0008



A44C00

# Triad

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



CD0008



007E2B



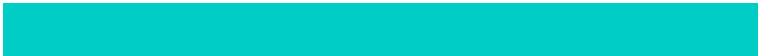
0069F7

# Complementary

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



CD0008



00CDC5

# 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.



007BEE



CD0008



008179

# Square

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



CD0008



007700



0081BF



7843D8

# Rectangle

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



CD0008



7F6200



0081BF



0071F8



# Sweetspot

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



CD0008



FFB3B5



C300CD



805253



000000



808080



# Same Dimension

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



CD0008



FF000A



CD5C00



665C5C



A60006



260001



# Inverse Universe

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



CD0008



FF000A



0071CD



665C5C



A60006



260001



# Previews

## White Background



This preview shows how the Hex color CD0008 looks on a white background.

## Color Contrast Check

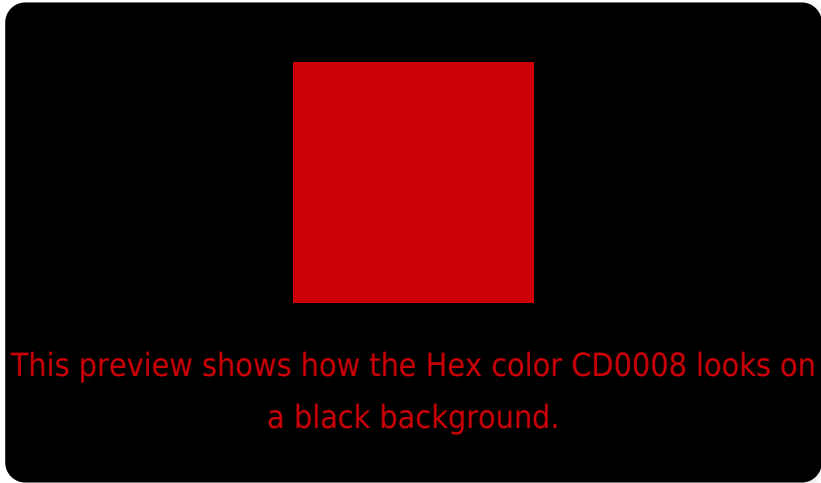
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD0008 Background



This preview shows how black text looks on a background with the Hex color CD0008.



This preview shows how white text looks on a background with the Hex color CD0008.

# 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**  
CD0008

**Protanopia**  
74681C

**Deuteranopia**  
826200



**Tritanopia**  
CB1300

# Trichromacy



**Original Color**  
CD0008

**Protanomaly**  
944215

**Deuteranomaly**  
9D3E03

**Tritanomaly**  
CC0C03

# Monochromacy



**Original Color**  
CD0008

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
72272A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD0008 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 #CD0008 looks like.

```
.text, #text, p{  
    color:#CD0008  
}
```

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 #CD0008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD0008
}
```

## Border

The CSS property to change the border of an element to Hex CD0008 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
#CD0008 }
```

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

```
.border{ border-color:#CD0008 }
```

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

Here you see how a box with a 4 pixel #CD0008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD0008; -webkit-box-shadow:4px 4px  
4px 4px #CD0008; box-shadow:4px 4px 4px  
4px #CD0008 }
```

# Background

The CSS property to change the background color of an element to Hex CD0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD0008 }
```

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

```
.background{ background-color:#CD0008 }
```

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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