

# Converting Colors

Hex(C3000D)

Have a look what the booklet for  
Hex(C3000D) contains.

<b>Hex(C3000D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C3000D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3000D
RGB	195, 0, 13
RGB Percent	76%, 0%, 5%
CMY	0.2353, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.93, 0.24
HSL	356°, 100%, 38%
HSV	356°, 100%, 76%
XYZ	22.5783, 11.6312, 1.4358
YIQ	59.7870, 112.0470, 45.3830

# Conversions

## Conversions Part 2

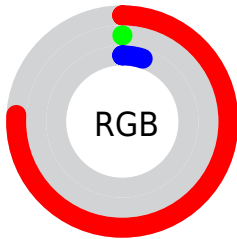
Format	Color
<a href="#">RYB</a>	<a href="#">195, 0, 13</a>
Decimal	<a href="#">12779533</a>
CIELab	<a href="#">40.62, 65.59, 50.38</a>
CIElCh	<a href="#">41, 82.706, 37.525</a>
Yxy	<a href="#">11.6312, 0.6334, 0.3263</a>
Android (android.graphics.Color)	<a href="#">4290969613</a> (0xFFC3000D)
YUV	<a href="#">59.7870, -23.0660, 118.5818</a>
Hunter-Lab	<a href="#">34.1045, 58.4902, 21.3770</a>

# Details

The Hex color **C3000D** 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 **00C3B6**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **FF533D**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C3000D**, and if you desaturate by 10%, it is **C3131F**.

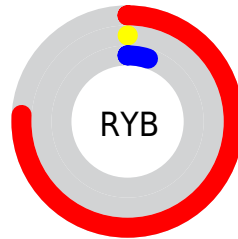
# Distribution



Red (76%)

Green (0%)

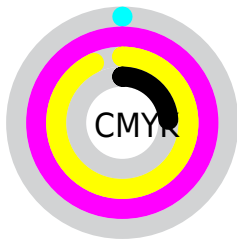
Blue (5%)



Red (76%)

Yellow (0%)

Blue (5%)

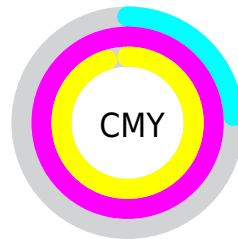


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (24%)



Cyan (24%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3000D 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 C3000D by changing the saturation by 10% instead.



 C3000D

 C3000D

 FFFFFFF6

 A30000

 FF533D

 830000

 FF7055

 630000

 FF8D6E

 470003

 FFAA88

 270001

 FFC7A2

 000000

 FFE5BE

 FFFFDA

 C3000D

 C3131F

 C32731

 C33B44

 C34E56

 C36268

 C3757A

 C3888C

 C39C9F

 C3B0B1

# Harmonies

## Analogous

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



D00052



C3000D



9D4700

# Triad

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



C3000D



007726



0065E9

# Complementary

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



C3000D



00C3B6

# 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.



0075DF



C3000D



007A70

# Square

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



C3000D



007100



007AB2



6E42CD

# Rectangle

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



C3000D



7A5C00



007AB2



006CEA



# Sweetspot

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



C3000D



FCB1B6



B600C3



805255



000000



808080



# Same Dimension

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



C3000D



FC0011



C35500



615758



A1000B



210002



# Inverse Universe

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



C3000D



FC0011



006FC3



615758



A1000B



210002



# Previews

## White Background



This preview shows how the Hex color C3000D looks on a white background.

## Color Contrast Check

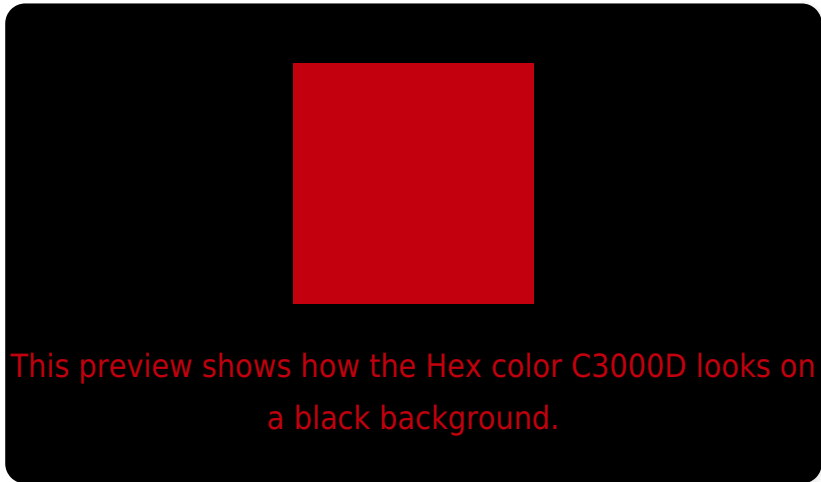
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3000D Background



This preview shows how black text looks on a background with the Hex color C3000D.



This preview shows how white text looks on a background with the Hex color C3000D.

# 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**  
C3000D

**Protanopia**  
6E631F

**Deuteranopia**  
7C5D00



# Trichromacy



**Original Color**  
C3000D

**Protanomaly**  
8D3F18

**Deuteranomaly**  
963B05

**Tritanomaly**  
C20B05

# Monochromacy



**Original Color**  
C3000D

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
6D262B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3000D 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 #C3000D looks like.

```
.text, #text, p{  
    color:#C3000D  
}
```

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 #C3000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3000D
}
```

## Border

The CSS property to change the border of an element to Hex C3000D 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".

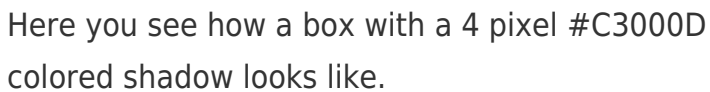
```
.border, #border, table{ border:4px solid
#C3000D }
```

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

```
.border{ border-color:#C3000D }
```

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

Here you see how a box with a 4 pixel #C3000D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3000D; -webkit-box-shadow:4px 4px  
4px 4px #C3000D; box-shadow:4px 4px 4px  
4px #C3000D }
```

# Background

The CSS property to change the background color of an element to Hex C3000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3000D }
```

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

```
.background{ background-color:#C3000D }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor