

Converting Colors

Hex(CC0066)

Have a look what the booklet for
Hex(CC0066) contains.

Hex(CC0066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CC0066)

Conversions

Conversions Part 1

Format	Color
Hex	CC0066
RGB	204, 0, 102
RGB Percent	80%, 0%, 40%
CMY	0.2000, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.50, 0.20
HSL	330°, 100%, 40%
HSV	330°, 100%, 80%
XYZ	27.3001, 13.7967, 13.7945
YIQ	72.6240, 88.8420, 74.9700

Conversions

Conversions Part 2

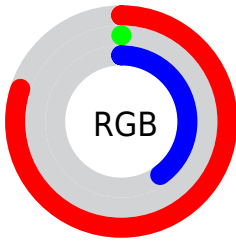
Format	Color
RYB	204, 0, 102
Decimal	13369446
CIELab	43.94, 71.54, 2.90
CIELCh	44, 71.594, 2.318
Yxy	13.7967, 0.4973, 0.2513
Android (android.graphics.Color)	4291559526 (0xFFCC0066)
YUV	72.6240, 14.4824, 115.2168
Hunter-Lab	37.1439, 66.1926, 3.9816

Details

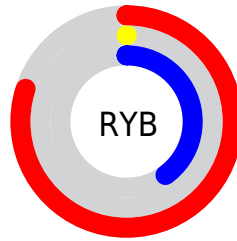
The Hex color **CC0066** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00CC66**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5899**, and **8F0038** is the 20% darker color. If you saturate the color by 10%, you get **CC0066**, and if you desaturate by 10%, it is **CC1470**.

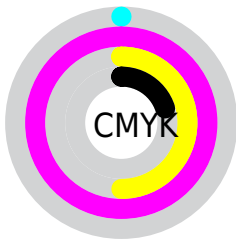
Distribution



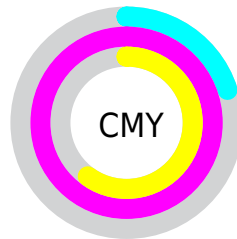
- Red (80%)
- Green (0%)
- Blue (40%)



- Red (80%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0066 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 CC0066 by changing the saturation by 10% instead.

 CC0066

 CC0066

FFFFFF

 AD004E

 FF5899

 8F0038

 FF76B3

 710023

 FF93CF

 54000C

 FFB1EB

 360002

 FFCEFF

 060000

 FFECFF

 000000

 CC0066

 CC1470

 CC297A

 CC3D85

 CC528F

 CC6699

 CC7AA3

 CC8FAD

 CCA3B8

 CCB8C2

Harmonies

Analogous

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



B02EA0



CC0066



C7282C

Triad

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



CC0066



3C7600



007CD2

Complementary

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



CC0066



00CC66

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.



0081A6



CC0066



007D2B

Square

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



CC0066



7B6700



00806B



006FE0

Rectangle

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



CC0066



B54300



00806B



007EC6

Sweetspot

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



CC0066



FFB3D9



6600CC



805269



000000



808080

Same Dimension

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



CC0066



FF0080



CC0000



665C61



A60053



260013

Inverse Universe

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



CC0066



FF0080



00CCCC



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color CC0066 looks on a white background.

Color Contrast Check

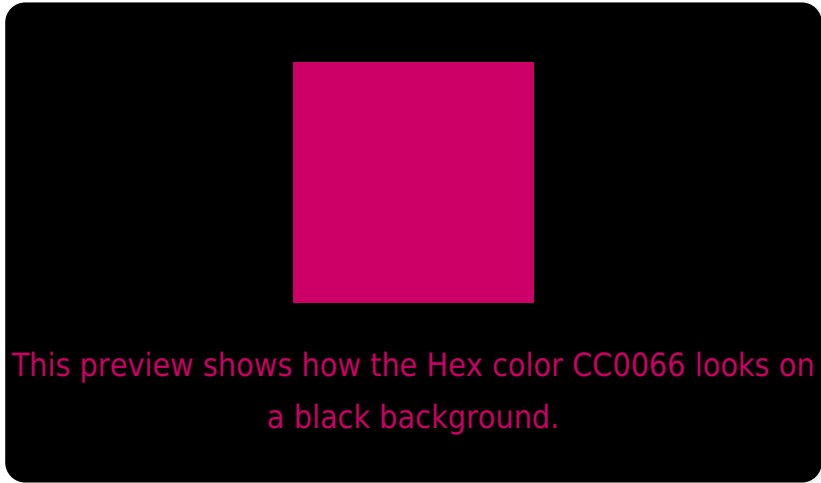
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0066 Background



This preview shows how black text looks on a background with the Hex color CC0066.




This preview shows how white text looks on a background with the Hex color CC0066.

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





Tritanopia
C92929

Trichromacy



Original Color
CC0066



Protanomaly
854383



Deuteranomaly
974160



Tritanomaly
CA1A3F

Monochromacy



Original Color
CC0066



Achromatopsia
494949



Achromatomaly
792E54

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0066 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 #CC0066 looks like.

```
.text, #text, p{  
    color:#CC0066  
}
```

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 #CC0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0066
}
```

Border

The CSS property to change the border of an element to Hex CC0066 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
#CC0066 }
```

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

```
.border{ border-color:#CC0066 }
```

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

Here you see how a box with a 4 pixel #CC0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0066; -webkit-box-shadow:4px 4px  
4px 4px #CC0066; box-shadow:4px 4px 4px  
4px #CC0066 }
```

Background

The CSS property to change the background color of an element to Hex CC0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0066 }
```

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

```
.background{ background-color:#CC0066 }
```

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