

Converting Colors

Hex(C0006D)

Have a look what the booklet for
Hex(C0006D) contains.

Hex(C0006D)	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(C0006D)

Conversions

Conversions Part 1

Format	Color
Hex	C0006D
RGB	192, 0, 109
RGB Percent	75%, 0%, 43%
CMY	0.2471, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.43, 0.25
HSL	326°, 100%, 38%
HSV	326°, 100%, 75%
XYZ	24.4985, 12.3106, 15.5530
YIQ	69.8340, 79.4430, 74.6030

Conversions

Conversions Part 2

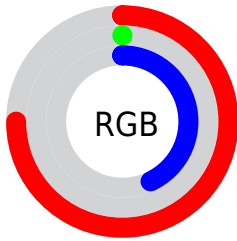
Format	Color
RYB	192, 0, 109
Decimal	12583021
CIELab	41.71, 69.47, -5.06
CIELCh	42, 69.656, 355.838
Yxy	12.3106, 0.4679, 0.2351
Android (android.graphics.Color)	4290773101 (0xFFC0006D)
YUV	69.8340, 19.3088, 107.1396
Hunter-Lab	35.0865, 63.2334, -1.7213

Details

The Hex color **C0006D** 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 **00C053**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FD55A0**, and **84003E** is the 20% darker color. If you saturate the color by 10%, you get **C0006D**, and if you desaturate by 10%, it is **C01375**.

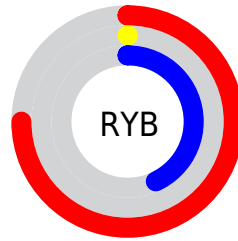
Distribution



Red (75%)

Green (0%)

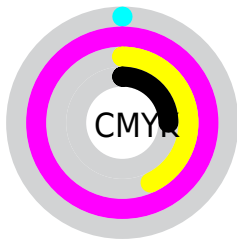
Blue (43%)



Red (75%)

Yellow (0%)

Blue (43%)

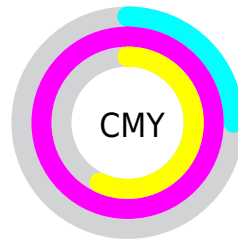


Cyan (0%)

Magenta (100%)

Yellow (43%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0006D 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 C0006D by changing the saturation by 10% instead.

 C0006D

 C0006D

FFFFFF

 A20055

 FD55A0

 84003E

 FF73BB

 670028

 FF90D7

 4B0014

 FFAEF3

 2D0002

 FFCBFF

 000000

 FFE9FF

 C0006D

 C01375

 C0267E

 C03A86

 C04D8E

 C06097

 C0739F

 C086A7

 C09AAF

 C0ADB8

Harmonies

Analogous

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



9D34A4



C0006D



C11A35

Triad

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



C0006D



486E00



0077C2

Complementary

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



C0006D



00C053

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.



007A93



C0006D



007619

Square

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



C0006D



7F5D00



007A58



006DD6

Rectangle

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



C0006D



B3370B



007A58



0079B4

Sweetspot

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



C0006D



FAAFD9



5000C0



7D506A



FCFCFC



7D7D7D

Same Dimension

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



C0006D



FA008E



C00010



61575D



A1005B



210013

Inverse Universe

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



C0006D



FA008E



00C0B0



61575D



A1005B



210013

Previews

White Background



This preview shows how the Hex color C0006D looks on a white background.

Color Contrast Check

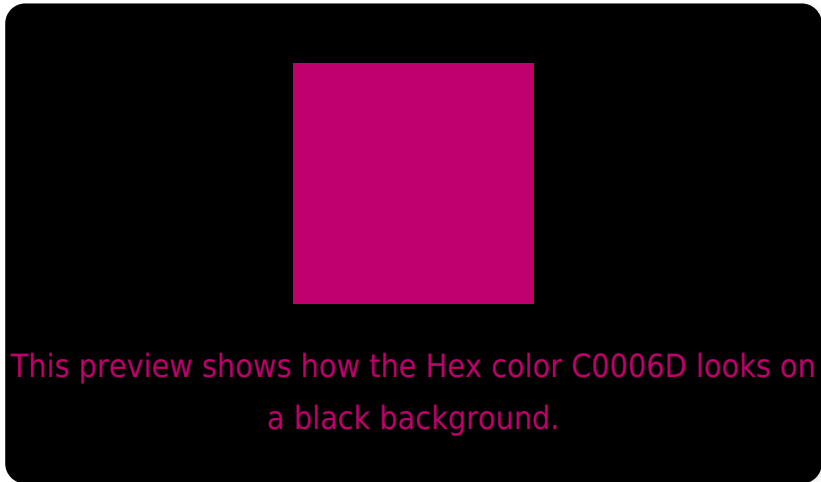
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0006D Background



This preview shows how black text looks on a background with the Hex color C0006D.



This preview shows how white text looks on a background with the Hex color C0006D.

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





Trichromacy



Original Color
C0006D



Protanomaly
793F8C



Deuteranomaly
8C3E68



Tritanomaly
BE1B44

Monochromacy



Original Color
C0006D



Achromatopsia
464646



Achromatomaly
722D54

CSS Examples

Text

The CSS property to change the color of the text to Hex C0006D 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 #C0006D looks like.

```
.text, #text, p{  
    color:#C0006D  
}
```

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 #C0006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0006D
}
```

Border

The CSS property to change the border of an element to Hex C0006D 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
#C0006D }
```

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

```
.border{ border-color:#C0006D }
```

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

Here you see how a box with a 4 pixel #C0006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0006D; -webkit-box-shadow:4px 4px  
4px 4px #C0006D; box-shadow:4px 4px 4px  
4px #C0006D }
```

Background

The CSS property to change the background color of an element to Hex C0006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0006D }
```

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

```
.background{ background-color:#C0006D }
```

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