

# Converting Colors

Hex(CC06A8)

Have a look what the booklet for  
Hex(CC06A8) contains.

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**Color**

**Hex(CC06A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC06A8
RGB	204, 6, 168
RGB Percent	80%, 2%, 66%
CMY	0.2000, 0.9765, 0.3412
CMYK	0.00, 0.97, 0.18, 0.20
HSL	311°, 94%, 41%
HSV	311°, 97%, 80%
XYZ	32.0348, 15.7948, 38.4061
YIQ	83.6700, 66.0060, 92.3580

# Conversions

## Conversions Part 2

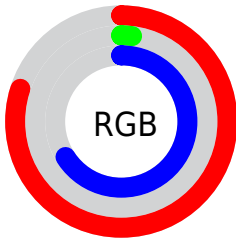
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 6, 168
Decimal	13371048
CIELab	46.70, 77.69, -33.20
CIELCh	47, 84.483, 336.859
Yxy	15.7948, 0.3715, 0.1832
Android (android.graphics.Color)	4291561128 (0xFFCC06A8)
YUV	83.6700, 41.5747, 105.5294
Hunter-Lab	39.7426, 74.3316, -29.4762

# Details

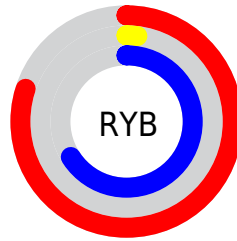
The Hex color **CC06A8** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **06CC2A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CE0**, and **910073** is the 20% darker color. If you saturate the color by 10%, you get **CC00A7**, and if you desaturate by 10%, it is **CC1AAC**.

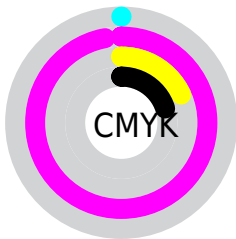
# Distribution



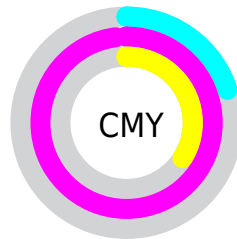
- Red (80%)
- Green (2%)
- Blue (66%)



- Red (80%)
- Yellow (2%)
- Blue (66%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (98%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC06A8 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 CC06A8 by changing the saturation by 10% instead.



 CC06A8

 CC06A8

FFFFFF

 AE008D

 FF5CE0

 910073

 FF7BFC

 74005A

 FF99FF

 570042

 FFB6FF

 3C002C

 FFD4FF

 1D0016

 FFF2FF

 000000

 CC06A8

 CC06A8

 CC00A7

 CC1AAC

 CC2FAF

 CC43B3

 CC58B7

 CC6CBB

 CC80BE

 CC95C2

 CCA9C6

 CCBEC9

# Harmonies

## Analogous

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



7D52E2



CC06A8



E60062

# Triad

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



CC06A8



797100



008BC3

# Complementary

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



CC06A8



06CC2A

# 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.



008B7E



CC06A8



1F8100

# Square

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



CC06A8



B25500



008831



0085F3

# Rectangle

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



CC06A8



E10034



008831



008BAE



# Sweetspot

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



CC06A8



FFB5F2



2706CC



805377



000000



808080



# Same Dimension

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



CC06A8



FF00D1



CC0648



665C64



A60088



26001F



# Inverse Universe

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



CC06A8



FF00D1



06CC8A



665C64



A60088



26001F



# Previews

## White Background



This preview shows how the Hex color CC06A8 looks on a white background.

## Color Contrast Check

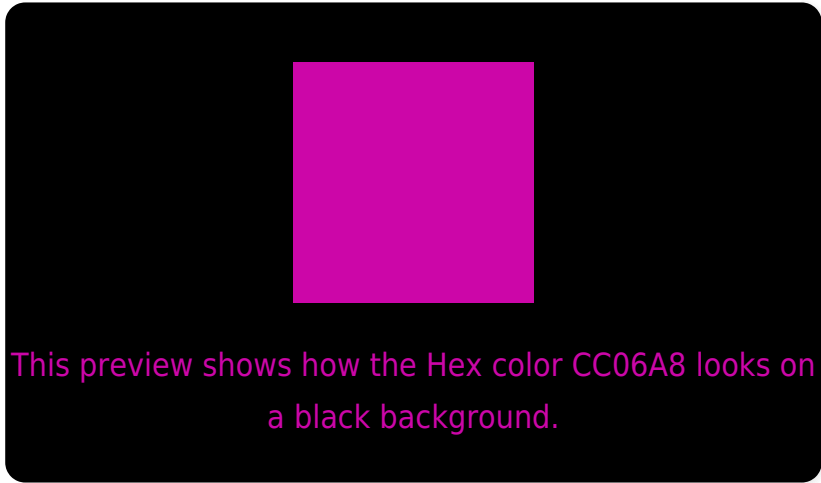
Large Text (above 18pt) WCAG AA ✓ Pass

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

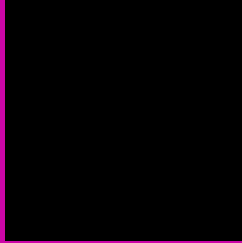
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC06A8 Background



This preview shows how black text looks on a background with the Hex color CC06A8.




This preview shows how white text looks on a background with the Hex color CC06A8.

# 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**  
C44246

# Trichromacy



**Original Color**  
CC06A8



**Protanomaly**  
4A47CF



**Deuteranomaly**  
8849A2



**Tritanomaly**  
C72C6A

# Monochromacy



**Original Color**  
CC06A8



**Achromatopsia**  
545454



**Achromatomaly**  
803873

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC06A8 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 #CC06A8 looks like.

```
.text, #text, p{  
    color:#CC06A8  
}
```

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 #CC06A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC06A8  
}
```

## Border

The CSS property to change the border of an element to Hex CC06A8 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  
#CC06A8 }
```

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

```
.border{ border-color:#CC06A8 }
```

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

Here you see how a box with a 4 pixel #CC06A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC06A8; -webkit-box-shadow:4px 4px  
4px 4px #CC06A8; box-shadow:4px 4px 4px  
4px #CC06A8 }
```

# Background

The CSS property to change the background color of an element to Hex CC06A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC06A8 }
```

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

```
.background{ background-color:#CC06A8 }
```

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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