

Converting Colors

Hex(CC05C0)

Have a look what the booklet for
Hex(CC05C0) contains.

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Color

Hex(CC05C0)

Conversions

Conversions Part 1

Format	Color
Hex	CC05C0
RGB	204, 5, 192
RGB Percent	80%, 2%, 75%
CMY	0.2000, 0.9804, 0.2471
CMYK	0.00, 0.98, 0.06, 0.20
HSL	304°, 95%, 41%
HSV	304°, 98%, 80%
XYZ	34.4705, 16.7517, 51.2858
YIQ	85.8190, 58.5770, 100.3450

Conversions

Conversions Part 2

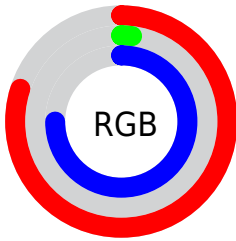
Format	Color
R_{YB}	204, 5, 192
Decimal	13370816
CIE _{Lab}	47.95, 80.94, -45.36
CIE _{LCh}	48, 92.783, 330.732
Yxy	16.7517, 0.3363, 0.1634
Android (android.graphics.Color)	4291560896 (0xFFCC05C0)
YUV	85.8190, 52.3472, 103.6447
Hunter-Lab	40.9288, 78.7085, -45.6430

Details

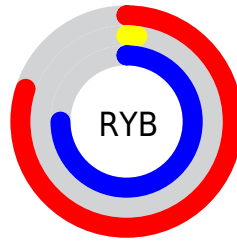
The Hex color **CC05C0** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **05CC11**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5DF9**, and **91008A** is the 20% darker color. If you saturate the color by 10%, you get **CC00C0**, and if you desaturate by 10%, it is **CC19C1**.

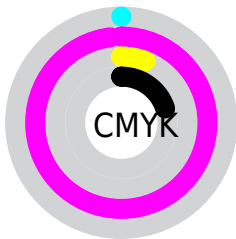
Distribution



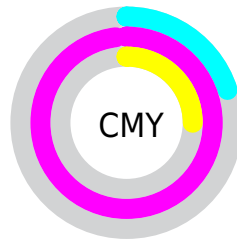
- Red (80%)
- Green (2%)
- Blue (75%)



- Red (80%)
- Yellow (2%)
- Blue (75%)



- Cyan (0%)
- Magenta (98%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (98%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC05C0 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 CC05C0 by changing the saturation by 10% instead.


 CC05C0

 CC05C0

FFFFFF

 AE00A4

 FF5DF9

 91008A

 FF7CFF

 740070

 FF9AFF

 570057

 FFB8FF

 3D003F

 FFD6FF

 1E0028

 FFF4FF

 000111

 000000

 CC05C0

 CC05C0

■ CC00C0

■ CC19C1

■ CC2EC2

■ CC42C4

■ CC57C5

■ CC6BC6

■ CC7FC7

■ CC94C9

■ CCA8CA

■ CCBDCB

Harmonies

Analogous

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



5C5BFB



CC05C0



F20074

Triad

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



CC05C0



897000



0090C1

Complementary

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



CC05C0



05CC11

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.



009072



CC05C0



348300

Square

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



CC05C0



C54B00



008C16



008CFC

Rectangle

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



CC05C0



F20041



008C16



0091A8

Sweetspot

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



CC05C0



FFB5FB



0F05CC



80537D



000000



808080

Same Dimension

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



CC05C0



FF00F0



CC055F



665C65



A6009C



260024

Inverse Universe

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



CC05C0



FF00F0



05CC72



665C65



A6009C



260024

Previews

White Background



This preview shows how the Hex color CC05C0 looks on a white background.

Color Contrast Check

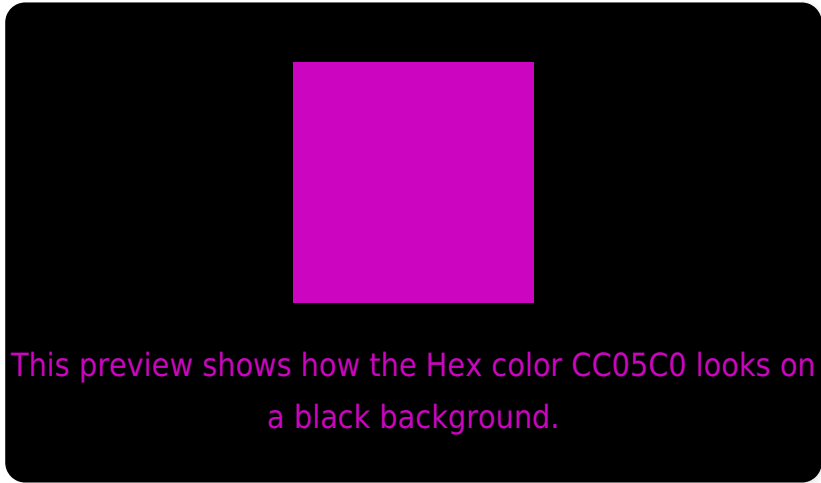
Large Text (above 18pt) WCAG AA ✓ Pass

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

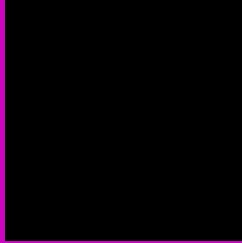
Any Text WCAG AA × Fail

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 CC05C0 Background



This preview shows how black text looks on a background with the Hex color CC05C0.

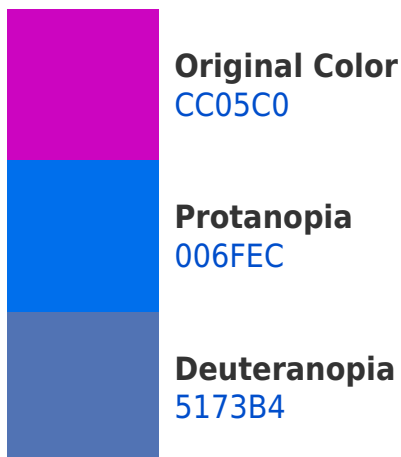


This preview shows how white text looks on a background with the Hex color CC05C0.

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
CC05C0



Protanomaly
4A48DC



Deuteranomaly
7E4BB8



Tritanomaly
C53279

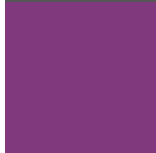
Monochromacy



Original Color
CC05C0



Achromatopsia
565656



Achromatomaly
81397D

CSS Examples

Text

The CSS property to change the color of the text to Hex CC05C0 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 #CC05C0 looks like.

```
.text, #text, p{  
    color:#CC05C0  
}
```

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 #CC05C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC05C0
}
```

Border

The CSS property to change the border of an element to Hex CC05C0 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
#CC05C0 }
```

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

```
.border{ border-color:#CC05C0 }
```

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

Here you see how a box with a 4 pixel #CC05C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC05C0; -webkit-box-shadow:4px 4px  
4px 4px #CC05C0; box-shadow:4px 4px 4px  
4px #CC05C0 }
```

Background

The CSS property to change the background color of an element to Hex CC05C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC05C0 }
```

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

```
.background{ background-color:#CC05C0 }
```

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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