

Converting Colors

Hex(CD05AA)

Have a look what the booklet for
Hex(CD05AA) contains.

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Color

Hex(CD05AA)

Conversions

Conversions Part 1

Format	Color
Hex	CD05AA
RGB	205, 5, 170
RGB Percent	80%, 2%, 67%
CMY	0.1961, 0.9804, 0.3333
CMYK	0.00, 0.98, 0.17, 0.20
HSL	310°, 95%, 41%
HSV	310°, 98%, 80%
XYZ	32.4868, 15.9900, 39.4043
YIQ	83.6100, 66.2350, 93.7150

Conversions

Conversions Part 2

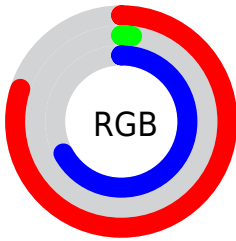
Format	Color
RYB	205, 5, 170
Decimal	13436330
CIELab	46.96, 78.21, -33.97
CIELCh	47, 85.265, 336.521
Yxy	15.9900, 0.3697, 0.1819
Android (android.graphics.Color)	4291626410 (0xFFCD05AA)
YUV	83.6100, 42.5903, 106.4590
Hunter-Lab	39.9874, 75.0399, -30.4342

Details

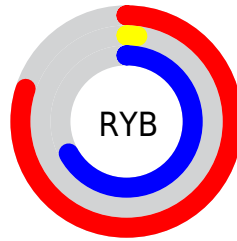
The Hex color **CD05AA** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **05CD28**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CE2**, and **920075** is the 20% darker color. If you saturate the color by 10%, you get **CD00A9**, and if you desaturate by 10%, it is **CD1AAE**.

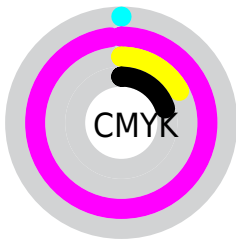
Distribution



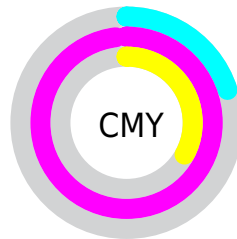
- Red (80%)
- Green (2%)
- Blue (67%)



- Red (80%)
- Yellow (2%)
- Blue (67%)



- Cyan (0%)
- Magenta (98%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (98%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD05AA 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 CD05AA by changing the saturation by 10% instead.

 CD05AA

 CD05AA

FFFFFF

 AF008F

 FF5CE2

 920075

 FF7BFF

 75005C

 FF99FF

 580044

 FFB6FF

 3D002D

 FFD4FF

 1F0017

 FFF3FF

 000000

 CD05AA

 CD05AA

 CD00A9

 CD1AAE

 CD2EB1

 CD42B5

 CD57B8

 CD6CBC

 CD80C0

 CD95C3

 CDA9C7

 CDBECA

Harmonies

Analogous

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



7C52E5



CD05AA



E70063

Triad

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



CD05AA



7A7200



008CC4

Complementary

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



CD05AA



05CD28

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.



008C7E



CD05AA



208100

Square

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



CD05AA



B45500



008930



0086F5

Rectangle

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



CD05AA



E30035



008930



008CAE

Sweetspot

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



CD05AA



FFB5F2



2605CD



805378



000000



808080

Same Dimension

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



CD05AA



FF00D2



CD0548



665C64



A60089



260020

Inverse Universe

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



CD05AA



FF00D2



05CD8A



665C64



A60089



260020

Previews

White Background



This preview shows how the Hex color CD05AA looks on a white background.

Color Contrast Check

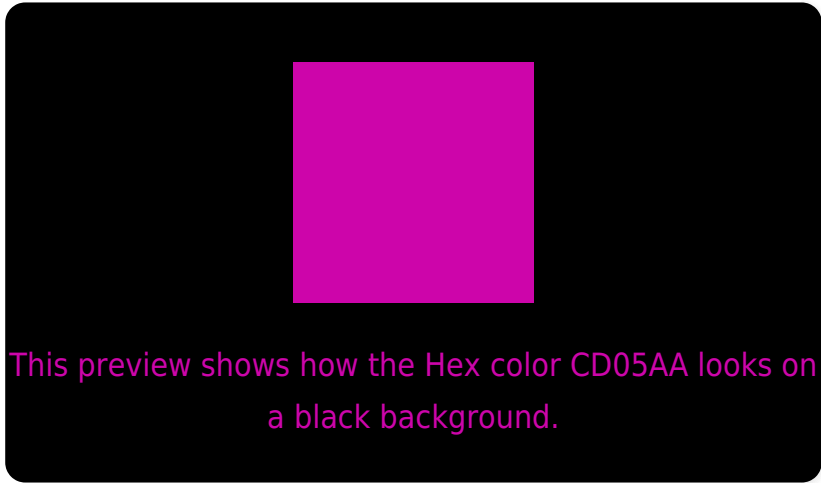
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD05AA Background



This preview shows how black text looks on a background with the Hex color CD05AA.

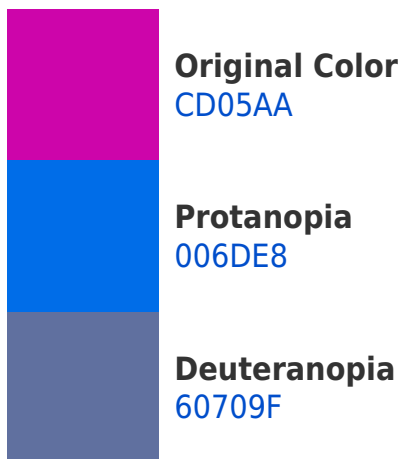


This preview shows how white text looks on a background with the Hex color CD05AA.

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
C44347

Trichromacy



Original Color
CD05AA



Protanomaly
4B47D1



Deuteranomaly
8849A3



Tritanomaly
C72C6B

Monochromacy



Original Color
CD05AA



Achromatopsia
545454



Achromatomaly
803773

CSS Examples

Text

The CSS property to change the color of the text to Hex CD05AA 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 #CD05AA looks like.

```
.text, #text, p{  
    color:#CD05AA  
}
```

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 #CD05AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD05AA
}
```

Border

The CSS property to change the border of an element to Hex CD05AA 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
#CD05AA }
```

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

```
.border{ border-color:#CD05AA }
```

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

Here you see how a box with a 4 pixel #CD05AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD05AA; -webkit-box-shadow:4px 4px  
4px 4px #CD05AA; box-shadow:4px 4px 4px  
4px #CD05AA }
```

Background

The CSS property to change the background color of an element to Hex CD05AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD05AA }
```

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

```
.background{ background-color:#CD05AA }
```

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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