

# Converting Colors

Hex(CD75CA)

Have a look what the booklet for  
Hex(CD75CA) contains.

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# Color

**Hex(CD75CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD75CA
RGB	205, 117, 202
RGB Percent	80%, 46%, 79%
CMY	0.1961, 0.5412, 0.2078
CMYK	0.00, 0.43, 0.01, 0.20
HSL	302°, 47%, 63%
HSV	302°, 43%, 80%
XYZ	42.1988, 29.9660, 59.4370
YIQ	153.0020, 25.1630, 45.0910

# Conversions

## Conversions Part 2

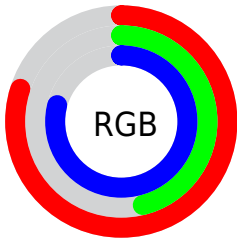
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 117, 202
Decimal	13465034
CIE Lab	61.62, 46.85, -29.62
CIE LCh	62, 55.425, 327.698
Yxy	29.9660, 0.3207, 0.2277
Android (android.graphics.Color)	4291655114 (0xFFCD75CA)
YUV	153.0020, 24.1560, 45.6022
Hunter-Lab	54.7412, 41.8047, -26.0572

# Details

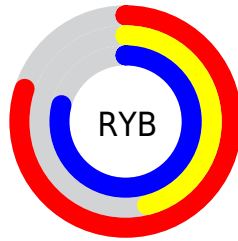
The Hex color **CD75CA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75CD78**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFABFF**, and **954194** is the 20% darker color. If you saturate the color by 10%, you get **CD61C9**, and if you desaturate by 10%, it is **CD8ACB**.

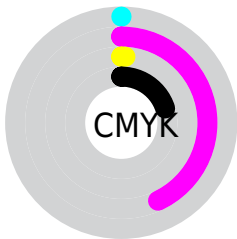
# Distribution



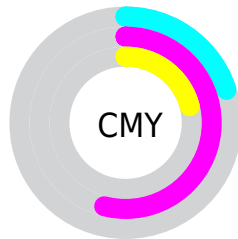
- Red (80%)
- Green (46%)
- Blue (79%)



- Red (80%)
- Yellow (46%)
- Blue (79%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (54%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD75CA 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 CD75CA by changing the saturation by 10% instead.



 CD75CA

 CD75CA

FFFFFF

 B15BAE

 FFABFF

 954194

 FFC7FF

 7A267A

 FFE4FF

 5F0561

 460048

 2F0032

 0B001C

 000000

 CD75CA

 CD75CA

 CD61C9

 CD8ACB

 CD4CC9

 CD9ECB

 CD37C8

 CDB3CC

 CD23C7

 CDC7CD

 CD0EC7

 CDDCCD

 CD00C6

 CDF0CE

 CDFFCF

 CDFFD0

# Harmonies

## Analogous

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



9089EC



CD75CA



EB689B

# Triad

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



CD75CA



B3912B



00ACC1

# Complementary

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



CD75CA



75CD78

# 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.



00AC8F



CD75CA



829F38

# Square

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



CD75CA



D87E42



3FA85E



00A7E7

# Rectangle

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



CD75CA



EF6A7A



3FA85E



00ADB1



# Sweetspot

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



CD75CA



FFDEFE



7875CD



806B7F



000000



808080



# Same Dimension

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



CD75CA



FF7AFA



CD759E



665C66



A600A0



260025



# Inverse Universe

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



CD75CA



FF7AFA



75CDA4



665C66



A600A0



260025



# Previews

## White Background



This preview shows how the Hex color CD75CA looks on a white background.

## Color Contrast Check

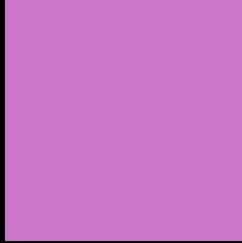
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color CD75CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

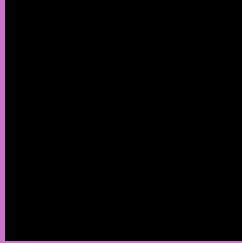
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD75CA Background



This preview shows how black text looks on a background with the Hex color CD75CA.

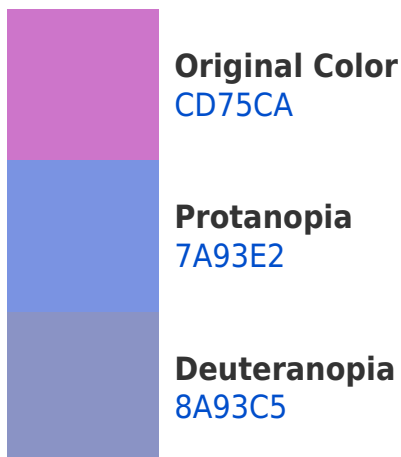



This preview shows how white text looks on a background with the Hex color CD75CA.

# 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**  
C5838C

# Trichromacy



**Original Color**  
CD75CA



**Protanomaly**  
9888D9



**Deuteranomaly**  
A288C7

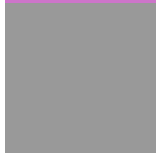


**Tritanomaly**  
C87EA3

# Monochromacy



**Original Color**  
CD75CA



**Achromatopsia**  
999999



**Achromatomaly**  
AC8CAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD75CA 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 #CD75CA looks like.

```
.text, #text, p{  
    color:#CD75CA  
}
```

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 #CD75CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD75CA
}
```

## Border

The CSS property to change the border of an element to Hex CD75CA 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
#CD75CA }
```

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

```
.border{ border-color:#CD75CA }
```

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

Here you see how a box with a 4 pixel #CD75CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD75CA; -webkit-box-shadow:4px 4px  
4px 4px #CD75CA; box-shadow:4px 4px 4px  
4px #CD75CA }
```

# Background

The CSS property to change the background color of an element to Hex CD75CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD75CA }
```

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

```
.background{ background-color:#CD75CA }
```

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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