

# Converting Colors

Hex(CC85D0)

Have a look what the booklet for  
Hex(CC85D0) contains.

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# **Color**

**Hex(CC85D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC85D0
RGB	204, 133, 208
RGB Percent	80%, 52%, 82%
CMY	0.2000, 0.4784, 0.1843
CMYK	0.02, 0.36, 0.00, 0.18
HSL	297°, 44%, 67%
HSV	297°, 36%, 82%
XYZ	44.6745, 34.1665, 63.9147
YIQ	162.7790, 18.2410, 38.3770

# Conversions

## Conversions Part 2

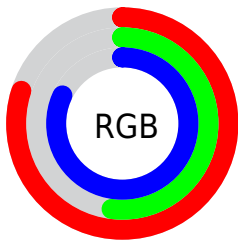
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 133, 208
Decimal	13403600
CIE <sub>Lab</sub>	65.09, 39.21, -27.64
CIE <sub>LCh</sub>	65, 47.974, 324.818
Yxy	34.1665, 0.3129, 0.2393
Android (android.graphics.Color)	4291593680 (0xFFCC85D0)
YUV	162.7790, 22.2940, 36.1508
Hunter-Lab	58.4521, 34.1351, -23.9144

# Details

The Hex color **CC85D0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89D085**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBBFF**, and **945199** is the 20% darker color. If you saturate the color by 10%, you get **CB70D0**, and if you desaturate by 10%, it is **CD9AD0**.

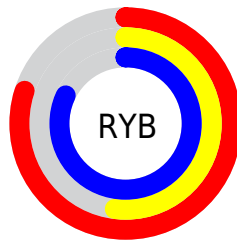
# Distribution



Red (80%)

Green (52%)

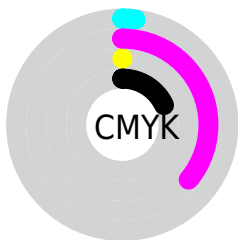
Blue (82%)



Red (80%)

Yellow (52%)

Blue (82%)

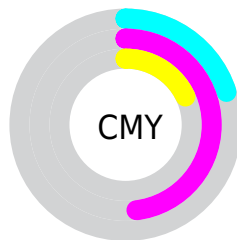


Cyan (2%)

Magenta (36%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (48%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC85D0 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 CC85D0 by changing the saturation by 10% instead.



 CC85D0

 CC85D0

FFFFFF

 B06BB4

 FFBBFF

 945199

 FFD7FF

 7A397F

 FFF4FF

 602066

 46034E

 2E0036

 150021

 000005

 000000

 CC85D0

 CC85D0

 CB70D0

 CD9AD0

 CA5BD0

 CEAFD0

 C947D0

 CFC3D0

 C832D0

 D0D8D0

 C61DD0

 D2EDD0

 C508D0

 D3FFD0

 C500D0

 D4FFD0

 D5FFD0

 D6FFD0

# Harmonies

## Analogous

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



9596EC



CC85D0



E97AA7

# Triad

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



CC85D0



BE9946



00B3C1

# Complementary

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



CC85D0



89D085

# 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.



00B395



CC85D0



94A64D

# Square

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



CC85D0



DE8959



5FAF6B



00AFE3

# Rectangle

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



CC85D0



EF7A8A



5FAF6B



00B4B3



# Sweetspot

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



CC85D0



FEE3FF



858AD0



7F6F80



000000



808080



# Same Dimension

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



CC85D0



F991FF



D085B0



685E69



9F00A8



270029



# Inverse Universe

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



D08589



FF9197



85D0A6



695E5F



A80009



290002



# Previews

## White Background



This preview shows how the Hex color CC85D0 looks on a white background.

## Color Contrast Check

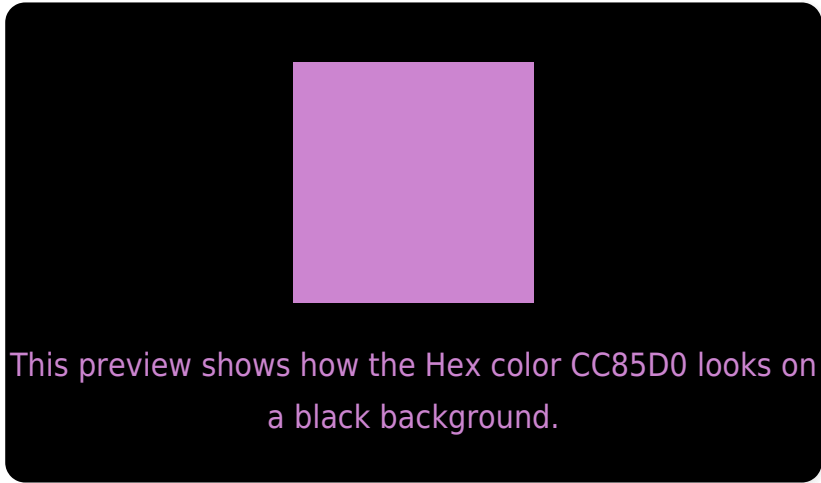
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

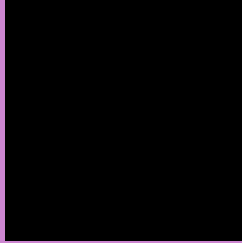
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC85D0 Background



This preview shows how black text looks on a background with the Hex color CC85D0.

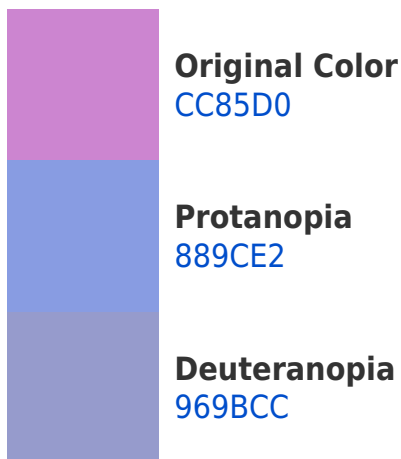


This preview shows how white text looks on a background with the Hex color CC85D0.

# 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](#).

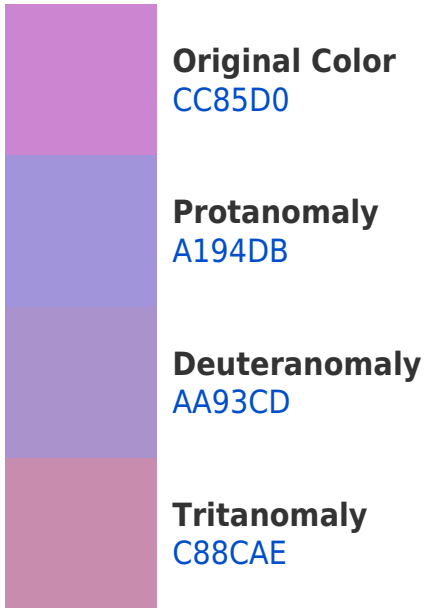
## Dichromacy



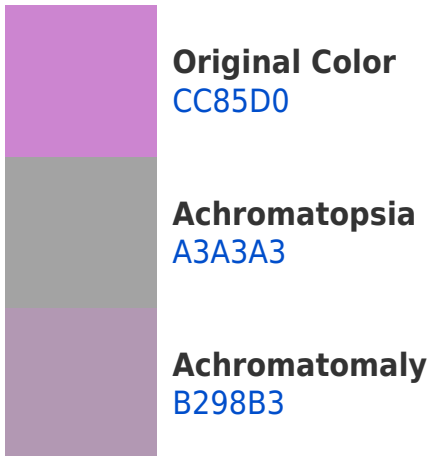


**Tritanopia**  
C5909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC85D0 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 #CC85D0 looks like.

```
.text, #text, p{  
    color:#CC85D0  
}
```

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 #CC85D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC85D0
}
```

## Border

The CSS property to change the border of an element to Hex CC85D0 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
#CC85D0 }
```

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

```
.border{ border-color:#CC85D0 }
```

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

Here you see how a box with a 4 pixel #CC85D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC85D0; -webkit-box-shadow:4px 4px  
4px 4px #CC85D0; box-shadow:4px 4px 4px  
4px #CC85D0 }
```

# Background

The CSS property to change the background color of an element to Hex CC85D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC85D0 }
```

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

```
.background{ background-color:#CC85D0 }
```

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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