

# Converting Colors

Hex(CC85B4)

Have a look what the booklet for  
Hex(CC85B4) contains.

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# **Color**

**Hex(CC85B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC85B4
RGB	204, 133, 180
RGB Percent	80%, 52%, 71%
CMY	0.2000, 0.4784, 0.2941
CMYK	0.00, 0.35, 0.12, 0.20
HSL	320°, 41%, 66%
HSV	320°, 35%, 80%
XYZ	41.5276, 32.9077, 47.3431
YIQ	159.5870, 27.2290, 29.6690

# Conversions

## Conversions Part 2

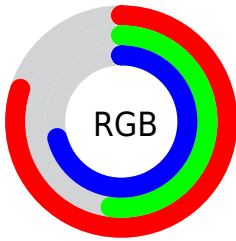
Format	Color
<a href="#">RYB</a>	<a href="#">204, 133, 180</a>
Decimal	<a href="#">13403572</a>
CIELab	<a href="#">64.09, 34.21, -13.44</a>
CIELCh	<a href="#">64, 36.751, 338.553</a>
Yxy	<a href="#">32.9077, 0.3410, 0.2702</a>
Android (android.graphics.Color)	<a href="#">4291593652 (0xFFCC85B4)</a>
YUV	<a href="#">159.5870, 10.0636, 38.9502</a>
Hunter-Lab	<a href="#">57.3652, 28.8297, -8.7759</a>

# Details

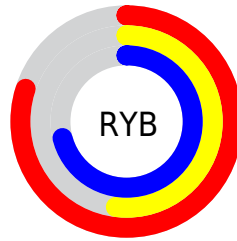
The Hex color **CC85B4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85CC9D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBBEC**, and **95527F** is the 20% darker color. If you saturate the color by 10%, you get **CC71AD**, and if you desaturate by 10%, it is **CC99BB**.

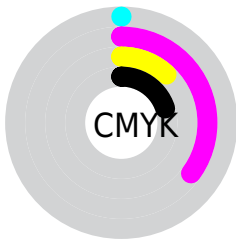
# Distribution



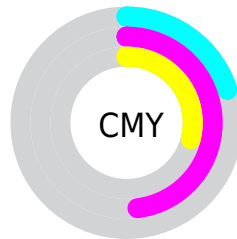
- Red (80%)
- Green (52%)
- Blue (71%)



- Red (80%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC85B4 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 CC85B4 by changing the saturation by 10% instead.



 CC85B4

 CC85B4

FFFFFF

 B06B99

 FFBBEC

 95527F

 FFD7FF

 7A3966

 FFF4FF

 60214E

 470637

 2F0022

 110008

 000000

 CC85B4

 CC85B4

■ CC71AD

■ CC99BB

■ CC5CA6

■ CCAEC2

■ CC489F

■ CCC2C9

■ CC3398

■ CCD7D0

■ CC1F92

■ CCEBD6

■ CC0B8B

■ CCFFDD

■ CC0087

■ CCFFE4

■ CCFFEB

■ CCFFF2

# Harmonies

## Analogous

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



AB8FCF



CC85B4



DA8193

# Triad

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



CC85B4



A79C59



00ABC3

# Complementary

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



CC85B4



85CC9D

# 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.



26ADA4



CC85B4



84A567

# Square

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



CC85B4



C4915F



5BAB82



3DA5D8

# Rectangle

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



CC85B4



DA847E



5BAB82



00ACBA



# Sweetspot

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



CC85B4



FFE6F6



9D85CC



80707A



000000



808080



# Same Dimension

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



CC85B4



FF94DB



CC8591



665C63



A6006E



260019



# Inverse Universe

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



CC85B4



FF94DB



85CCC0



665C63



A6006E

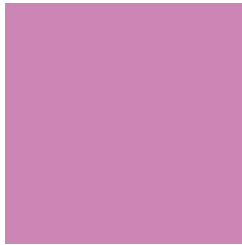


260019



# Previews

## White Background



This preview shows how the Hex color CC85B4 looks on a white background.

## Color Contrast Check

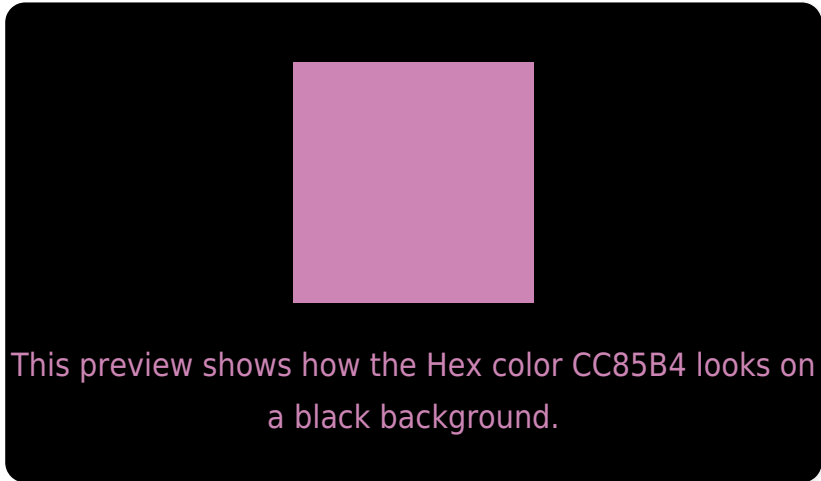
Large Text (above 18pt) WCAG AA × Fail

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

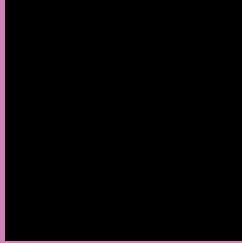
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC85B4 Background



This preview shows how black text looks on a background with the Hex color CC85B4.

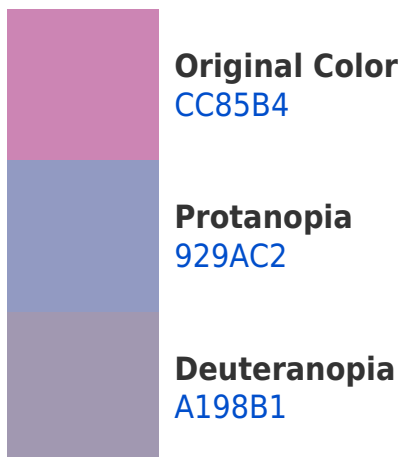


This preview shows how white text looks on a background with the Hex color CC85B4.

# 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](#).

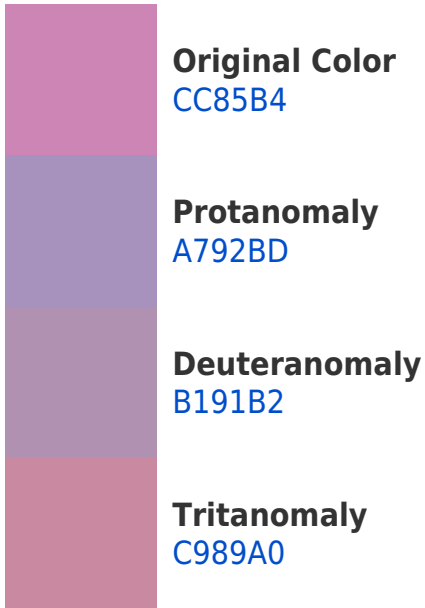
## Dichromacy



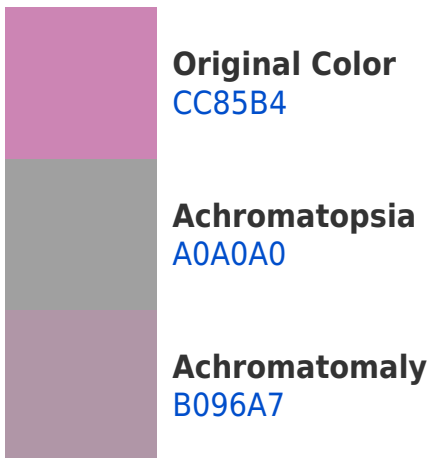


**Tritanopia**  
C88B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC85B4 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 #CC85B4 looks like.

```
.text, #text, p{  
    color:#CC85B4  
}
```

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 #CC85B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC85B4
}
```

## Border

The CSS property to change the border of an element to Hex CC85B4 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
#CC85B4 }
```

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

```
.border{ border-color:#CC85B4 }
```

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

Here you see how a box with a 4 pixel #CC85B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC85B4; -webkit-box-shadow:4px 4px  
4px 4px #CC85B4; box-shadow:4px 4px 4px  
4px #CC85B4 }
```

# Background

The CSS property to change the background color of an element to Hex CC85B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC85B4 }
```

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

```
.background{ background-color:#CC85B4 }
```

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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