

# Converting Colors

Hex(CD57B0)

Have a look what the booklet for  
Hex(CD57B0) contains.

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# **Color**

**Hex(CD57B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD57B0
RGB	205, 87, 176
RGB Percent	80%, 34%, 69%
CMY	0.1961, 0.6588, 0.3098
CMYK	0.00, 0.58, 0.14, 0.20
HSL	315°, 54%, 57%
HSV	315°, 58%, 80%
XYZ	36.4215, 22.9301, 43.5806
YIQ	132.4280, 41.7590, 52.6950

# Conversions

## Conversions Part 2

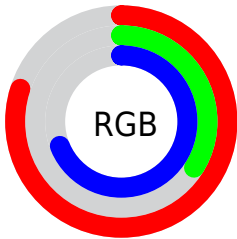
Format	Color
R <sub>Y</sub> B	205, 87, 176
Decimal	13457328
CIE Lab	55.00, 57.13, -24.98
CIE LCh	55, 62.356, 336.386
Yxy	22.9301, 0.3538, 0.2228
Android (android.graphics.Color)	4291647408 (0xFFCD57B0)
YUV	132.4280, 21.4810, 63.6456
Hunter-Lab	47.8854, 51.9672, -20.4402

# Details

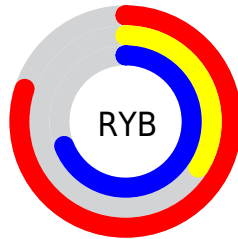
The Hex color **CD57B0** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **57CD74**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8EE8**, and **941B7B** is the 20% darker color. If you saturate the color by 10%, you get **CD42AB**, and if you desaturate by 10%, it is **CD6CB5**.

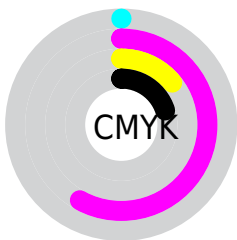
# Distribution



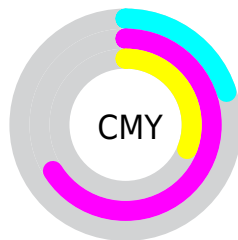
- Red (80%)
- Green (34%)
- Blue (69%)



- Red (80%)
- Yellow (34%)
- Blue (69%)



- Cyan (0%)
- Magenta (58%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (66%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD57B0 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 CD57B0 by changing the saturation by 10% instead.



 CD57B0

 CD57B0

FFFFFF

 B03B95

 FF8EE8

 941B7B

 FFAAFF

 780062

 FFC7FF

 5D004A

 FFE4FF

 420033

 29001E

 000000

 CD57B0

 CD57B0

 CD42AB

 CD6CB5

■ CD2EA6

■ CD80BA

■ CD1AA1

■ CD95BF

■ CD059C

■ CDA9C4

■ CD009B

■ CDBEC9

■ CDD2CE

■ CDE7D3

■ CDFBD8

■ CDFFDD

# Harmonies

## Analogous

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



9370DB



CD57B0



E34C7A

# Triad

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



CD57B0



938500



009BC3

# Complementary

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



CD57B0



57CD74

# 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.



009D8E



CD57B0



5A9222

# Square

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



CD57B0



BF7117



009A56



0095E7

# Rectangle

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



CD57B0



E25357



009A56



009CB2



# Sweetspot

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



CD57B0



FFD4F4



7357CD



806679



000000



808080



# Same Dimension

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



CD57B0



FF4FD4



CD5776



665C63



A6007D



26001D



# Inverse Universe

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



CD57B0



FF4FD4



57CDAE



665C63



A6007D



26001D



# Previews

## White Background



This preview shows how the Hex color CD57B0 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



## 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 CD57B0 Background



This preview shows how black text looks on a background with the Hex color CD57B0.

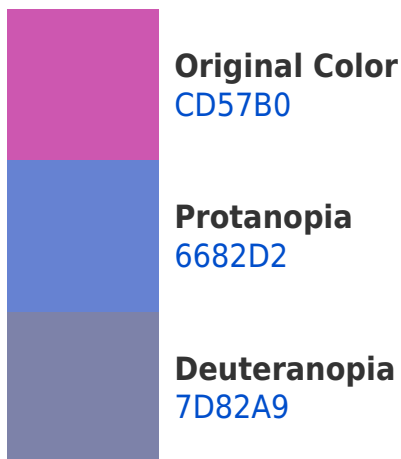


This preview shows how white text looks on a background with the Hex color CD57B0.

# 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](#).

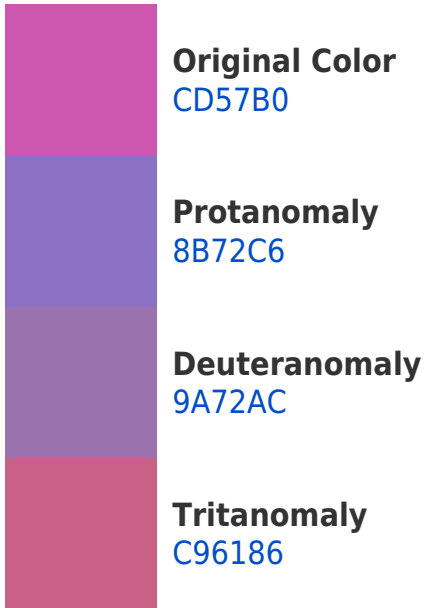
## Dichromacy





**Tritanopia**  
C6676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD57B0 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 #CD57B0 looks like.

```
.text, #text, p{  
    color:#CD57B0  
}
```

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 #CD57B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD57B0
}
```

## Border

The CSS property to change the border of an element to Hex CD57B0 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
#CD57B0 }
```

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

```
.border{ border-color:#CD57B0 }
```

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

Here you see how a box with a 4 pixel #CD57B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD57B0; -webkit-box-shadow:4px 4px  
4px 4px #CD57B0; box-shadow:4px 4px 4px  
4px #CD57B0 }
```

# Background

The CSS property to change the background color of an element to Hex CD57B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD57B0 }
```

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

```
.background{ background-color:#CD57B0 }
```

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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