

# Converting Colors

Hex(C65ABD)

Have a look what the booklet for  
Hex(C65ABD) contains.

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# Color

Hex(C65ABD)

# Conversions

## Conversions Part 1

Format	Color
Hex	C65ABD
RGB	198, 90, 189
RGB Percent	78%, 35%, 74%
CMY	0.2235, 0.6471, 0.2588
CMYK	0.00, 0.55, 0.05, 0.22
HSL	305°, 49%, 56%
HSV	305°, 55%, 78%
XYZ	36.1302, 22.9922, 50.6778
YIQ	133.5780, 32.5890, 53.6850

# Conversions

## Conversions Part 2

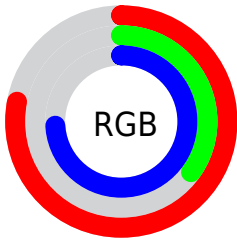
Format	Color
<a href="#">RYB</a>	<a href="#">198, 90, 189</a>
Decimal	<a href="#">12999357</a>
CIELab	<a href="#">55.06, 55.89, -32.47</a>
CIELCh	<a href="#">55, 64.635, 329.844</a>
Yxy	<a href="#">22.9922, 0.3291, 0.2094</a>
Android (android.graphics.Color)	<a href="#">4291189437</a> ( <a href="#">0xFFC65ABD</a> )
YUV	<a href="#">133.5780, 27.3230, 56.4981</a>
Hunter-Lab	<a href="#">47.9502, 50.5858, -29.0975</a>

# Details

The Hex color **C65ABD** 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 **5AC663**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF91F6**, and **8D2187** is the 20% darker color. If you saturate the color by 10%, you get **C646BB**, and if you desaturate by 10%, it is **C66EBF**.

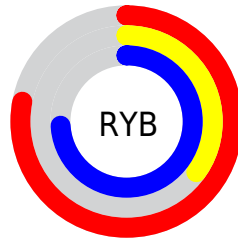
# Distribution



Red (78%)

Green (35%)

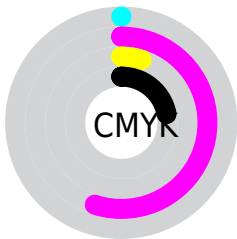
Blue (74%)



Red (78%)

Yellow (35%)

Blue (74%)

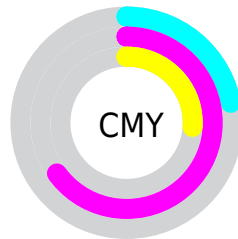


Cyan (0%)

Magenta (55%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (65%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C65ABD 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 C65ABD by changing the saturation by 10% instead.



 C65ABD

 C65ABD

FFFFFF

 A93FA2

 FF91F6

 8D2187

 FFADFF

 72006E

 FFC9FF

 570055

 FFE6FF

 3D003D

 250027

 00010F

 000000

 C65ABD

 C65ABD

 C646BB

 C66EBF

 C632BA

 C682C0

 C61FB8

 C695C2

 C60BB6

 C6A9C4

 C600B6

 C6BDC5

 C6D1C7

 C6E5C9

 C6F8CA

 C6FFCC

# Harmonies

## Analogous

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



8075E6



C65ABD



E44887

# Triad

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



C65ABD



9E8100



009DBA

# Complementary

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



C65ABD



5AC663

# 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.



009D82



C65ABD



67910D

# Square

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



C65ABD



C96B1D



009948



0098E4

# Rectangle

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



C65ABD



E74C61



009948



009DA8



# Sweetspot

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



C65ABD



FFD6FC



635AC6



80677D



000000



808080



# Same Dimension

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



C65ABD



FF59F1



C65A87



635A63



A30096



240021



# Inverse Universe

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



C65ABD



FF59F1



5AC699



635A63



A30096

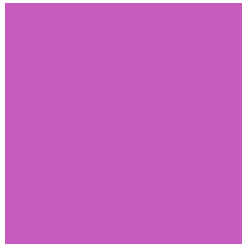


240021



# Previews

## White Background



This preview shows how the Hex color C65ABD looks on a white background.

## Color Contrast Check

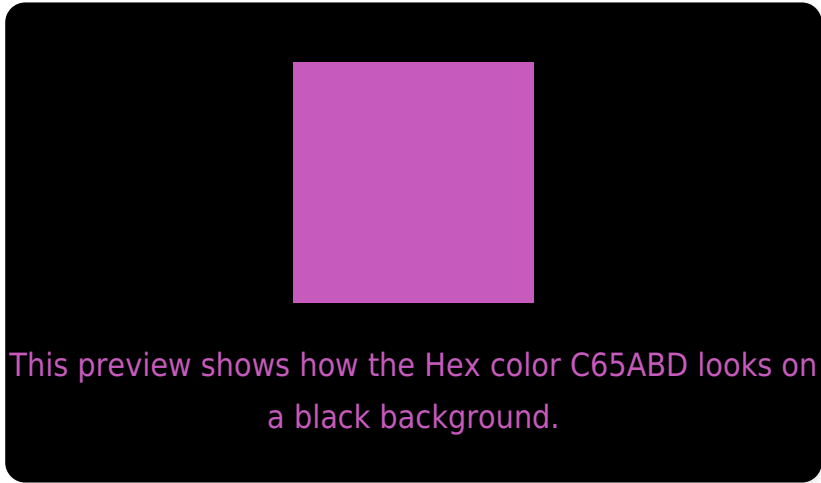
Large Text (above 18pt) WCAG AA ✓ Pass

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 C65ABD Background



This preview shows how black text looks on a background with the Hex color C65ABD.

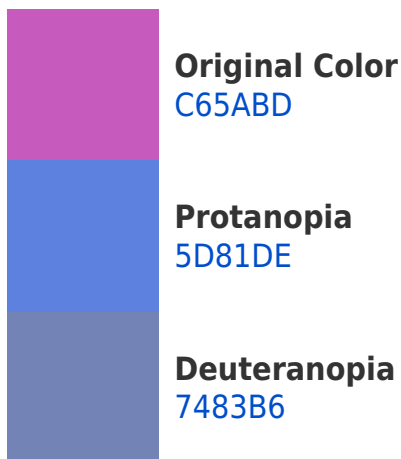



This preview shows how white text looks on a background with the Hex color C65ABD.

# 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](#).

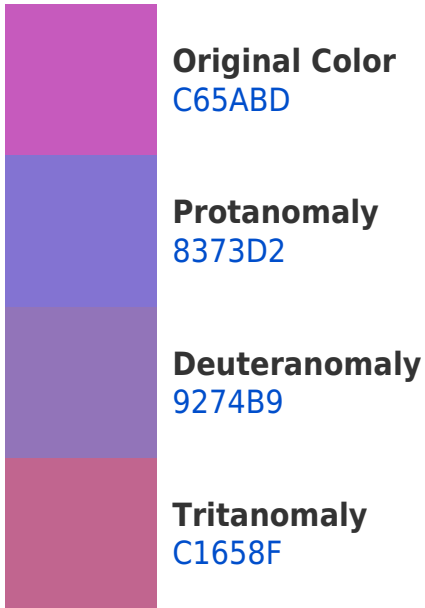
## Dichromacy





**Tritanopia**  
BE6C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C65ABD 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 #C65ABD looks like.

```
.text, #text, p{  
    color:#C65ABD  
}
```

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 #C65ABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65ABD
}
```

## Border

The CSS property to change the border of an element to Hex C65ABD is called "border". The border property can be set on classes, ids or directly on the HTML element.

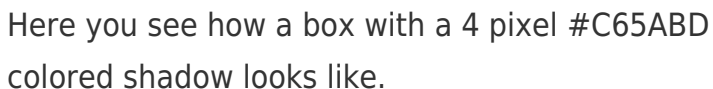
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C65ABD }
```

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

```
.border{ border-color:#C65ABD }
```

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



Here you see how a box with a 4 pixel `#C65ABD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65ABD; -webkit-box-shadow:4px 4px  
4px 4px #C65ABD; box-shadow:4px 4px 4px  
4px #C65ABD }
```

# Background

The CSS property to change the background color of an element to Hex C65ABD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65ABD }
```

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

```
.background{ background-color:#C65ABD }
```

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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