

# Converting Colors

Hex(C65BE3)

Have a look what the booklet for  
Hex(C65BE3) contains.

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# Color

Hex(C65BE3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65BE3
RGB	198, 91, 227
RGB Percent	78%, 36%, 89%
CMY	0.2235, 0.6431, 0.1098
CMYK	0.13, 0.60, 0.00, 0.11
HSL	287°, 71%, 62%
HSV	287°, 60%, 89%
XYZ	40.8949, 25.0340, 75.3497
YIQ	138.4970, 20.1160, 64.9800

# Conversions

## Conversions Part 2

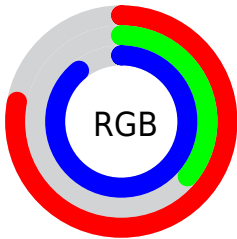
Format	Color
R <sub>YB</sub>	198, 91, 227
Decimal	12999651
CIE Lab	57.11, 62.35, -50.85
CIE LCh	57, 80.456, 320.796
Yxy	25.0340, 0.2895, 0.1772
Android (android.graphics.Color)	4291189731 (0xFFC65BE3)
YUV	138.4970, 43.6320, 52.1841
Hunter-Lab	50.0340, 58.3362, -54.2652

# Details

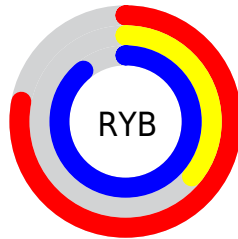
The Hex color **C65BE3** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **78E35B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF92FF**, and **8D20AB** is the 20% darker color. If you saturate the color by 10%, you get **C144E3**, and if you desaturate by 10%, it is **CB72E3**.

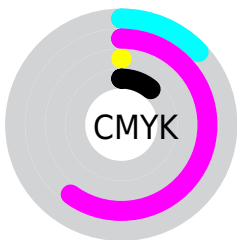
# Distribution



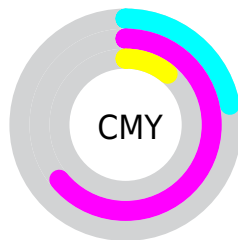
- Red (78%)
- Green (36%)
- Blue (89%)



- Red (78%)
- Yellow (36%)
- Blue (89%)



- Cyan (13%)
- Magenta (60%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (64%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C65BE3 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 C65BE3 by changing the saturation by 10% instead.



 C65BE3

 C65BE3

FFFFFF

 A93FC7

 FF92FF

 8D20AB

 FFAEFF

 710090

 FFCBFF

 550076

 FFE8FF

 3A005C

 200044

 00002C

 000117

 000000

 C65BE3

 C65BE3

 C144E3

 CB72E3

 BC2EE3

 D088E3

 B717E3

 D59FE3

 B300E3

 D9B6E3

 DECDE3

 E3E3E3

 E8FAE3

 EDFFE3

 F2FFE3

# Harmonies

## Analogous

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



4780FF



C65BE3



F932A2

# Triad

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



C65BE3



B87E00



00A7B9

# Complementary

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



C65BE3



78E35B

# 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.



00A670



C65BE3



779400

# Square

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



C65BE3



E85D14



00A023



00A4F6

# Rectangle

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



C65BE3



FF2D73



00A023



00A7A1



# Sweetspot

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



C65BE3



F5D1FF



5B78E3



7A6380



000000



808080



# Same Dimension

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



C65BE3



D847FF



E35BBC



706773



8C00B3



280033



# Inverse Universe

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



E35B78



FF476F



5BE382



73676A



B30026

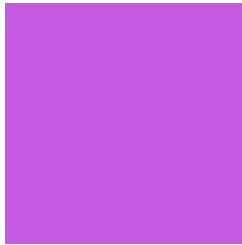


33000B



# Previews

## White Background



This preview shows how the Hex color C65BE3 looks on a white background.

## Color Contrast Check

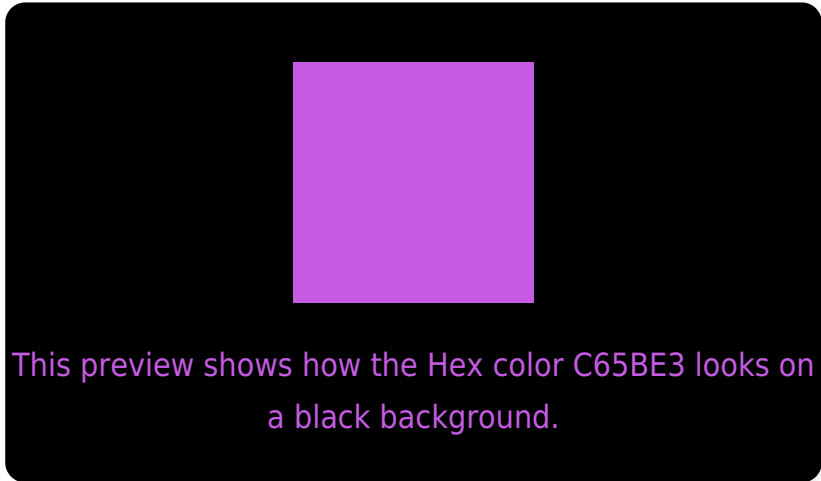
Large Text (above 18pt) WCAG AA ✓ Pass

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

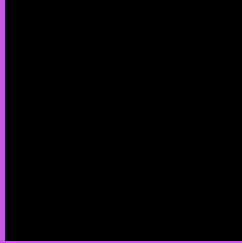
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C65BE3 Background



This preview shows how black text looks on a background with the Hex color C65BE3.

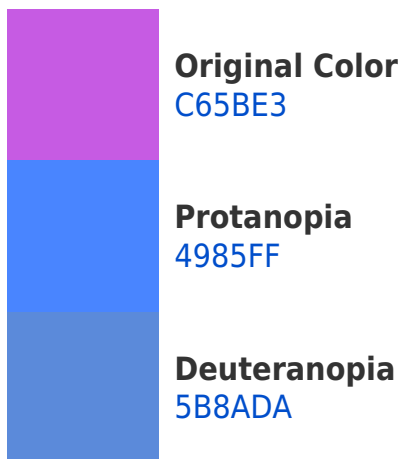


This preview shows how white text looks on a background with the Hex color C65BE3.

# 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](#).

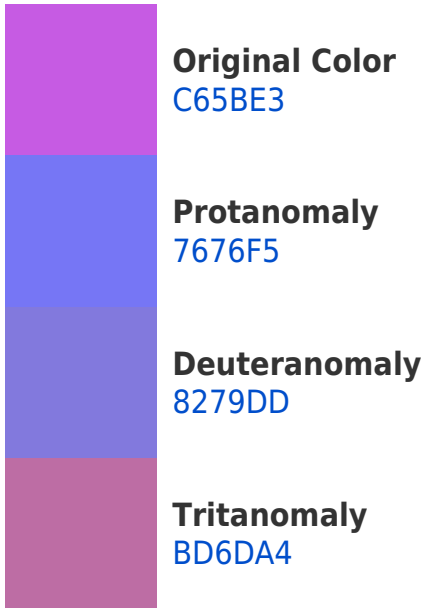
## Dichromacy



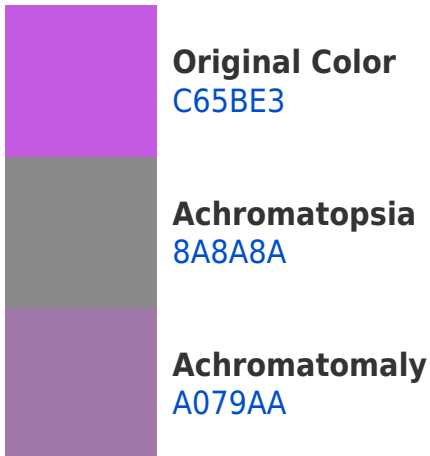


**Tritanopia**  
B87780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C65BE3 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 #C65BE3 looks like.

```
.text, #text, p{  
    color:#C65BE3  
}
```

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 #C65BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65BE3
}
```

## Border

The CSS property to change the border of an element to Hex C65BE3 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
#C65BE3 }
```

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

```
.border{ border-color:#C65BE3 }
```

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

Here you see how a box with a 4 pixel #C65BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65BE3; -webkit-box-shadow:4px 4px  
4px 4px #C65BE3; box-shadow:4px 4px 4px  
4px #C65BE3 }
```

# Background

The CSS property to change the background color of an element to Hex C65BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65BE3 }
```

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

```
.background{ background-color:#C65BE3 }
```

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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