

Converting Colors

Hex(C65DD4)

Have a look what the booklet for
Hex(C65DD4) contains.

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Color

Hex(C65DD4)

Conversions

Conversions Part 1

Format	Color
Hex	C65DD4
RGB	198, 93, 212
RGB Percent	78%, 36%, 83%
CMY	0.2235, 0.6353, 0.1686
CMYK	0.07, 0.56, 0.00, 0.17
HSL	293°, 58%, 60%
HSV	293°, 56%, 83%
XYZ	39.0867, 24.5879, 64.9732
YIQ	137.9610, 24.3810, 59.2690

Conversions

Conversions Part 2

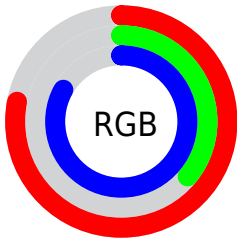
Format	Color
R _{YB}	198, 93, 212
Decimal	13000148
CIE _{Lab}	56.67, 58.58, -43.08
CIE _{LCh}	57, 72.718, 323.667
Yxy	24.5879, 0.3038, 0.1911
Android (android.graphics.Color)	4291190228 (0xFFC65DD4)
YUV	137.9610, 36.5012, 52.6542
Hunter-Lab	49.5862, 53.9281, -42.9778

Details

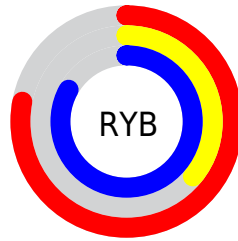
The Hex color **C65DD4** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **6BD45D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF94FF**, and **8D249D** is the 20% darker color. If you saturate the color by 10%, you get **C448D4**, and if you desaturate by 10%, it is **C872D4**.

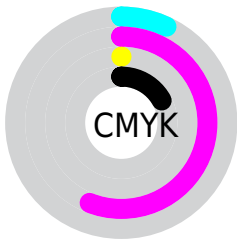
Distribution



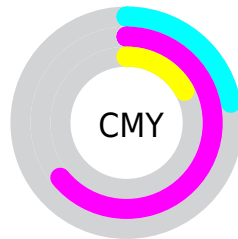
- Red (78%)
- Green (36%)
- Blue (83%)



- Red (78%)
- Yellow (36%)
- Blue (83%)



- Cyan (7%)
- Magenta (56%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (64%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C65DD4 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 C65DD4 by changing the saturation by 10% instead.

 C65DD4

 C65DD4

FFFFFF

 A941B8

 FF94FF

 8D249D

 FFB0FF

 720082

 FFCCFF

 570069

 FFEAFF

 3C0050

 230038

 000122

 000007

 000000

 C65DD4

 C65DD4

 C448D4

 C872D4

 C133D4

 CB87D4

 BF1DD4

 CD9DD4

 BC08D4

 D0B2D4

 BB00D4

 D2C7D4

 D5DCD4

 D7F1D4

 DAFFD4

 DCFFD4

Harmonies

Analogous

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



667DFD



C65DD4



F04198

Triad

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



C65DD4



AF8100



00A4B9

Complementary

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



C65DD4



6BD45D

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.



00A378



C65DD4



739300

Square

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



C65DD4



DC651C



009E36



00A0EE

Rectangle

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



C65DD4



F7406E



009E36



00A4A4

Sweetspot

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



C65DD4



FAD4FF



5D6DD4



7D6680



000000



808080

Same Dimension

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



C65DD4



EB54FF



D45DA8



6A606B



9700AB



26002B

Inverse Universe

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



D45D6B



FF5468



5DD489



6B6062



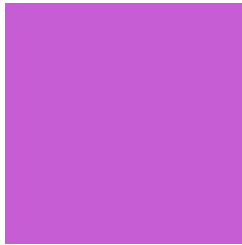
AB0014



2B0005

Previews

White Background



This preview shows how the Hex color C65DD4 looks on a white background.

Color Contrast Check

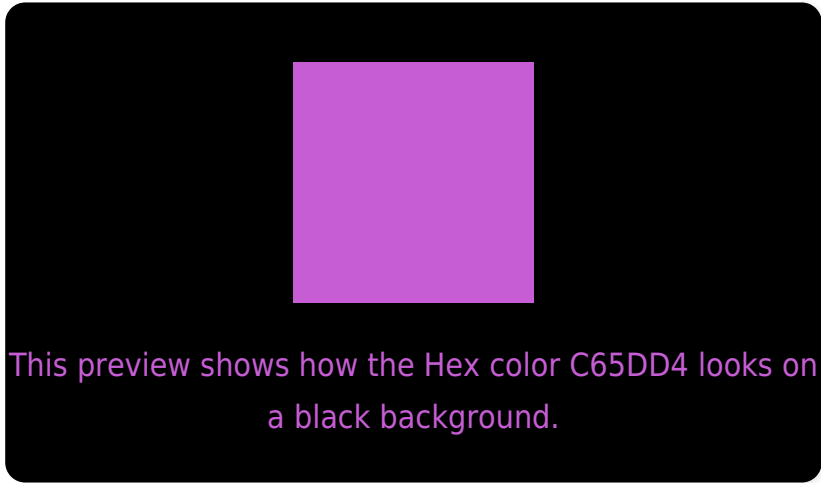
Large Text (above 18pt) WCAG AA ✓ Pass

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

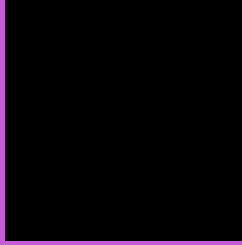
Any Text WCAG AA ✓ Pass

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 C65DD4 Background



This preview shows how black text looks on a background with the Hex color C65DD4.

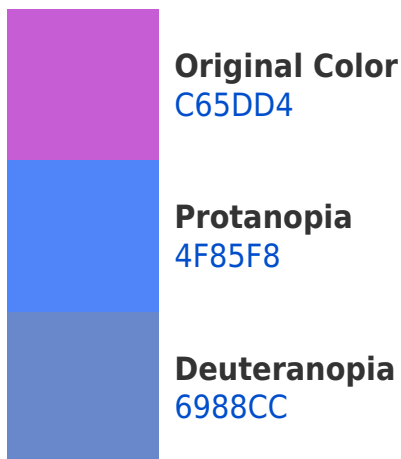


This preview shows how white text looks on a background with the Hex color C65DD4.

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](#).

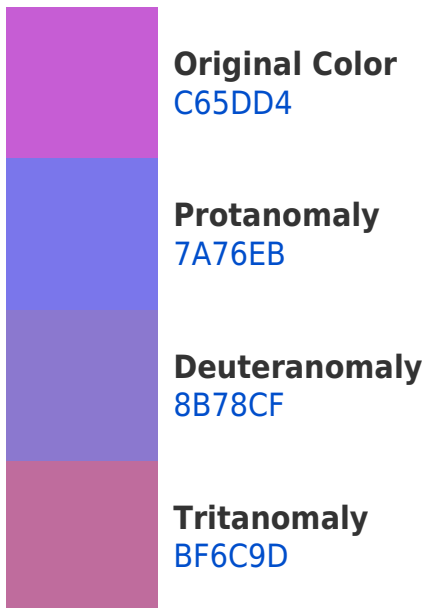
Dichromacy



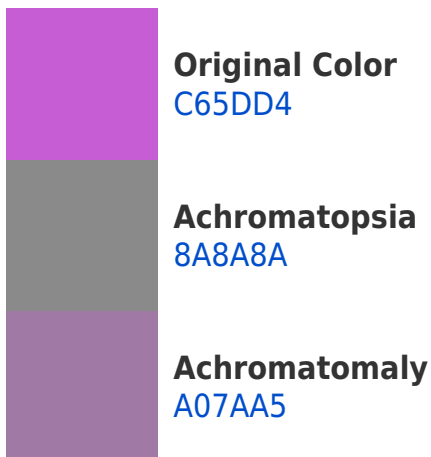


Tritanopia
BB747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C65DD4 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 #C65DD4 looks like.

```
.text, #text, p{  
    color:#C65DD4  
}
```

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 #C65DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65DD4
}
```

Border

The CSS property to change the border of an element to Hex C65DD4 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
#C65DD4 }
```

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

```
.border{ border-color:#C65DD4 }
```

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

Here you see how a box with a 4 pixel #C65DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65DD4; -webkit-box-shadow:4px 4px  
4px 4px #C65DD4; box-shadow:4px 4px 4px  
4px #C65DD4 }
```

Background

The CSS property to change the background color of an element to Hex C65DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65DD4 }
```

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

```
.background{ background-color:#C65DD4 }
```

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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