

# Converting Colors

Hex(D665DD)

Have a look what the booklet for  
Hex(D665DD) contains.

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**Color**

**Hex(D665DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D665DD
RGB	214, 101, 221
RGB Percent	84%, 40%, 87%
CMY	0.1608, 0.6039, 0.1333
CMYK	0.03, 0.54, 0.00, 0.13
HSL	296°, 64%, 63%
HSV	296°, 54%, 87%
XYZ	45.4364, 28.8240, 71.5754
YIQ	148.4670, 28.8280, 61.2760

# Conversions

## Conversions Part 2

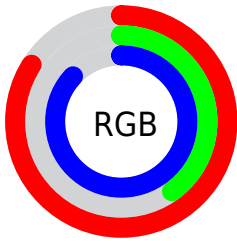
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 101, 221
Decimal	14050781
CIE <sub>Lab</sub>	60.63, 60.67, -41.79
CIE <sub>LCh</sub>	61, 73.667, 325.443
Yxy	28.8240, 0.3116, 0.1976
Android (android.graphics.Color)	4292240861 (0xFFD665DD)
YUV	148.4670, 35.7588, 57.4724
Hunter-Lab	53.6880, 57.1115, -41.4624

# Details

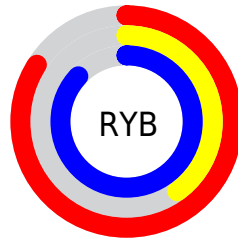
The Hex color **D665DD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6CDD65**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9DFF**, and **9C2CA5** is the 20% darker color. If you saturate the color by 10%, you get **D54FDD**, and if you desaturate by 10%, it is **D77BDD**.

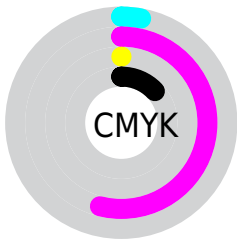
# Distribution



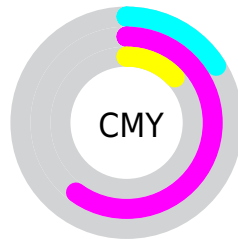
- Red (84%)
- Green (40%)
- Blue (87%)



- Red (84%)
- Yellow (40%)
- Blue (87%)



- Cyan (3%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (60%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D665DD 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 D665DD by changing the saturation by 10% instead.



 D665DD

 D665DD

FFFFFF

 B949C1

 FF9DFF

 9C2CA5

 FFB9FF

 81018B

 FFD6FF

 650071

 FFF3FF

 4A0058

 320040

 110029

 000112

 000000

 D665DD

 D665DD

 D54FDD

 D77BDD

 D339DD

 D991DD

 D223DD

 DAA7DD

 D10DDD

 DBBDDD

 D000DD

 DCD3DD

 DEEADD

 DFFFDD

 E0FFDD

 E2FFDD

# Harmonies

## Analogous

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



7A85FF



D665DD



FF4B9F

# Triad

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



D665DD



B88C00



00AFC8

# Complementary

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



D665DD



6CDD65

# 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.



00AF86



D665DD



7A9F00

# Square

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



D665DD



E77021



00AA43



00AAFD

# Rectangle

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



D665DD



FF4C74



00AA43



00B0B3



# Sweetspot

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



D665DD



FDD6FF



656DDD



7E6780



000000



808080



# Same Dimension

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



D665DD



F559FF



DD65A9



6D636E



A300AD



2B002E



# Inverse Universe

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



DD656C



FF5963



65DD99



6E6363



AD000A

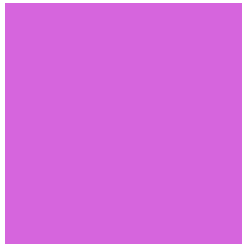


2E0003



# Previews

## White Background



This preview shows how the Hex color D665DD 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

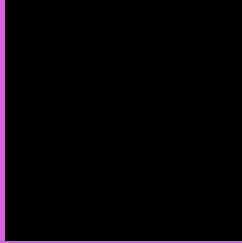
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D665DD Background



This preview shows how black text looks on a background with the Hex color D665DD.

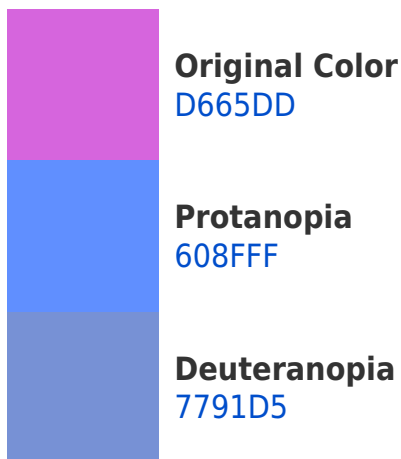


This preview shows how white text looks on a background with the Hex color D665DD.

# 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](#).

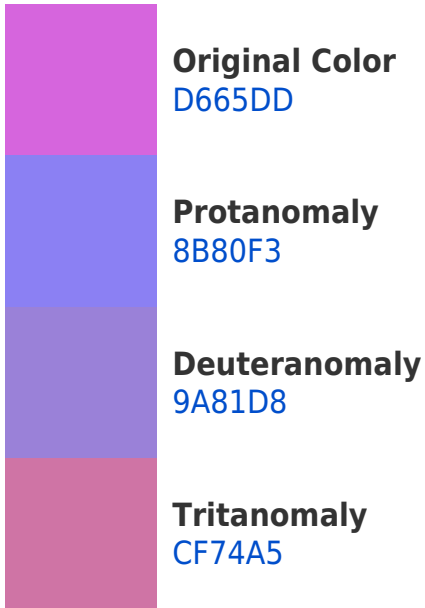
## Dichromacy



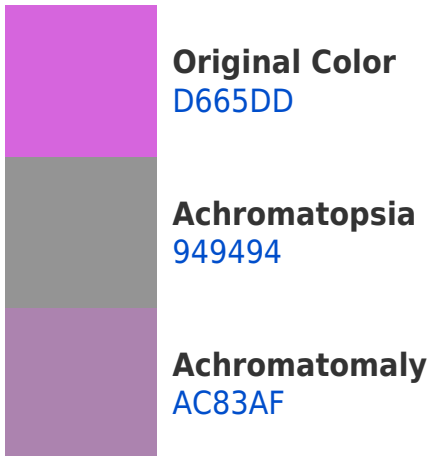


**Tritanopia**  
CB7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D665DD 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 #D665DD looks like.

```
.text, #text, p{  
    color:#D665DD  
}
```

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 #D665DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D665DD
}
```

## Border

The CSS property to change the border of an element to Hex D665DD 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
#D665DD }
```

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

```
.border{ border-color:#D665DD }
```

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

Here you see how a box with a 4 pixel #D665DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D665DD; -webkit-box-shadow:4px 4px  
4px 4px #D665DD; box-shadow:4px 4px 4px  
4px #D665DD }
```

# Background

The CSS property to change the background color of an element to Hex D665DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D665DD }
```

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

```
.background{ background-color:#D665DD }
```

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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