

# Converting Colors

Hex(D745CB)

Have a look what the booklet for  
Hex(D745CB) contains.

<b>Hex(D745CB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(D745CB)

# Conversions

## Conversions Part 1

Format	Color
Hex	D745CB
RGB	215, 69, 203
RGB Percent	84%, 27%, 80%
CMY	0.1569, 0.7294, 0.2039
CMYK	0.00, 0.68, 0.06, 0.16
HSL	305°, 65%, 56%
HSV	305°, 68%, 84%
XYZ	40.9319, 23.0151, 58.7849
YIQ	127.9300, 44.0020, 72.6260

# Conversions

## Conversions Part 2

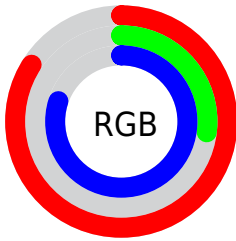
Format	Color
R <sub>YB</sub>	215, 69, 203
Decimal	14108107
CIE <sub>Lab</sub>	55.09, 71.17, -40.29
CIE <sub>LCh</sub>	55, 81.781, 330.486
Yxy	23.0151, 0.3335, 0.1875
Android (android.graphics.Color)	4292298187 (0xFFD745CB)
YUV	127.9300, 37.0095, 76.3604
Hunter-Lab	47.9741, 68.3433, -39.0690

# Details

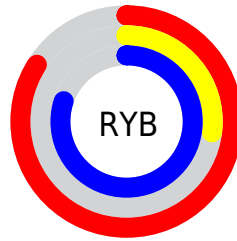
The Hex color **D745CB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **45D751**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF80FF**, and **9C0094** is the 20% darker color. If you saturate the color by 10%, you get **D730C9**, and if you desaturate by 10%, it is **D75BCD**.

# Distribution



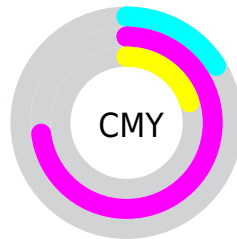
- Red (84%)
- Green (27%)
- Blue (80%)



- Red (84%)
- Yellow (27%)
- Blue (80%)



- Cyan (0%)
- Magenta (68%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (73%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D745CB 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 D745CB by changing the saturation by 10% instead.



 D745CB

 D745CB

FFFFFF

 B922AF

 FF80FF

 9C0094

 FF9DFF

 80007A

 FFBAFF


 640061

 FFD8FF

 480048

 FFF5FF

 2E0031

 01001B

 000000

 D745CB

 D745CB

 D730C9

 D75BCD

 D71AC7

 D770CF

 D705C6

 D786D0

 D700C5

 D79BD2

 D7B1D4

 D7C6D6

 D7DCD7

 D7F1D9

 D7FFDB

# Harmonies

## Analogous

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



7A70FF



D745CB



FB1B86

# Triad

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



D745CB



9F8200



00A2CA

# Complementary

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



D745CB



45D751

# 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.



00A183



D745CB



579400

# Square

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



D745CB



D56300



009D37



009CFF

# Rectangle

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



D745CB



FC2957



009D37



00A2B4



# Sweetspot

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



D745CB



FFCCFB



4F45D7



80617D



000000



808080



# Same Dimension

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



D745CB



FF30EE



D74584



6B606A



AB009D



2B0028



# Inverse Universe

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



D745CB



FF30EE



45D798



6B606A



AB009D

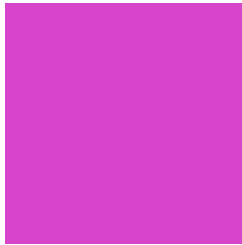


2B0028



# Previews

## White Background



This preview shows how the Hex color D745CB 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

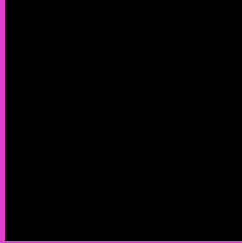
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D745CB Background



This preview shows how black text looks on a background with the Hex color D745CB.

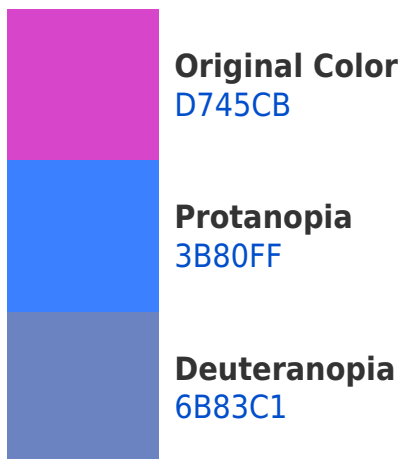



This preview shows how white text looks on a background with the Hex color D745CB.

# 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](#).

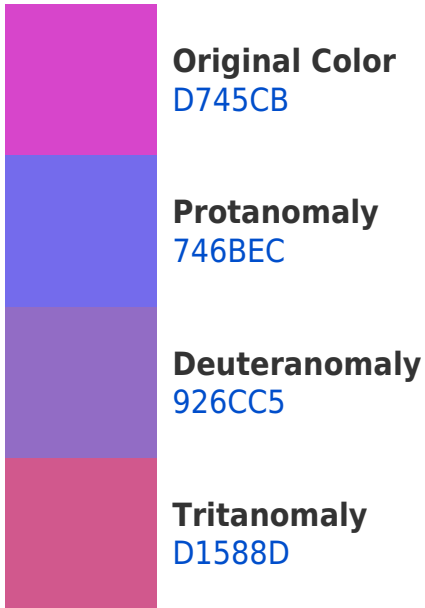
## Dichromacy



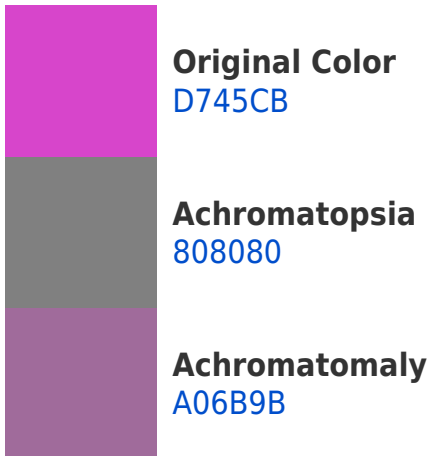


**Tritanopia**  
CD636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D745CB 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 #D745CB looks like.

```
.text, #text, p{  
    color:#D745CB  
}
```

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 #D745CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D745CB
}
```

## Border

The CSS property to change the border of an element to Hex D745CB 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
#D745CB }
```

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

```
.border{ border-color:#D745CB }
```

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

Here you see how a box with a 4 pixel #D745CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D745CB; -webkit-box-shadow:4px 4px  
4px 4px #D745CB; box-shadow:4px 4px 4px  
4px #D745CB }
```

# Background

The CSS property to change the background color of an element to Hex D745CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D745CB }
```

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

```
.background{ background-color:#D745CB }
```

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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