

# Converting Colors

Hex(D75CBE)

Have a look what the booklet for  
Hex(D75CBE) contains.

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# Color

Hex(**D75CBE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	D75CBE
RGB	215, 92, 190
RGB Percent	84%, 36%, 75%
CMY	0.1569, 0.6392, 0.2549
CMYK	0.00, 0.57, 0.12, 0.16
HSL	312°, 61%, 60%
HSV	312°, 57%, 84%
XYZ	41.1457, 25.8191, 51.5302
YIQ	139.9490, 41.8500, 56.5540

# Conversions

## Conversions Part 2

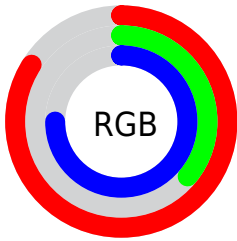
Format	Color
R <sub>Y</sub> B	215, 92, 190
Decimal	14113982
CIE Lab	57.86, 59.86, -28.51
CIE LCh	58, 66.296, 334.534
Yxy	25.8191, 0.3472, 0.2179
Android (android.graphics.Color)	4292304062 (0xFFD75CBE)
YUV	139.9490, 24.6751, 65.8197
Hunter-Lab	50.8125, 55.6198, -24.5587

# Details

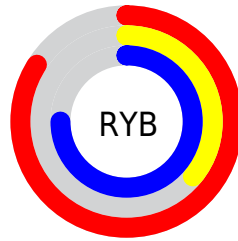
The Hex color **D75CBE** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5CD775**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF94F7**, and **9D2088** is the 20% darker color. If you saturate the color by 10%, you get **D746BA**, and if you desaturate by 10%, it is **D771C2**.

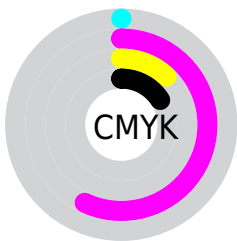
# Distribution



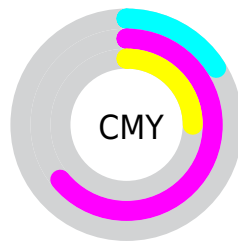
- Red (84%)
- Green (36%)
- Blue (75%)



- Red (84%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75CBE 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 D75CBE by changing the saturation by 10% instead.



 D75CBE

 D75CBE

FFFFFF

 BA40A3

 FF94F7

 9D2088

 FFB0FF

 81006F

 FFCDFD

 660056

 FFEAFF

 4B003E

 320028

 0B0011

 000000

 D75CBE

 D75CBE

 D746BA

 D771C2

 D731B5

 D787C7

 D71BB1

 D79CCB

 D706AD

 D7B2CF

 D700AB

 D7C8D4

 D7DDD8

 D7F2DD

 D7FFE1

 D7FFE5

# Harmonies

## Analogous

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



9677EB



D75CBE



F14E85

# Triad

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



D75CBE



9E8B00



00A5CC

# Complementary

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



D75CBE



5CD775

# 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.



00A692



D75CBE



629A1D

# Square

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



D75CBE



CD7518



00A256



009EF4

# Rectangle

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



D75CBE



F0555F



00A256



00A5BA



# Sweetspot

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



D75CBE



FFD4F6



755CD7



80667A



000000



808080



# Same Dimension

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



D75CBE



FF4FDB



D75C81



6B6069



AB0088



2B0023



# Inverse Universe

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



D75CBE



FF4FDB



5CD7B2



6B6069



AB0088



2B0023



# Previews

## White Background



This preview shows how the Hex color D75CBE looks on a white background.

## Color Contrast Check

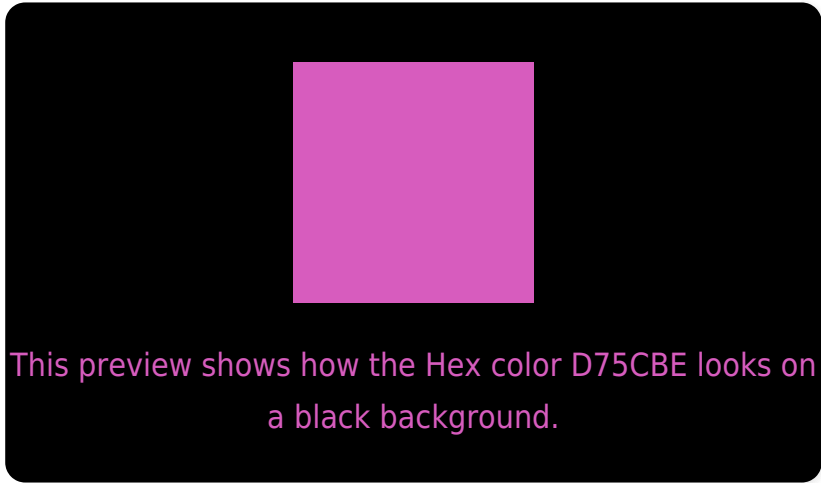
Large Text (above 18pt) WCAG AA ✓ Pass

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 D75CBE Background



This preview shows how black text looks on a background with the Hex color D75CBE.



This preview shows how white text looks on a background with the Hex color D75CBE.

# 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](#).

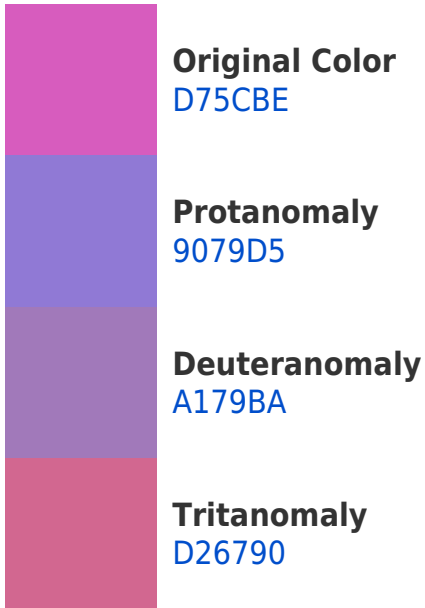
## Dichromacy





**Tritanopia**  
CF6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75CBE 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 #D75CBE looks like.

```
.text, #text, p{  
  color:#D75CBE  
}
```

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 #D75CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75CBE
}
```

## Border

The CSS property to change the border of an element to Hex D75CBE 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
#D75CBE }
```

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

```
.border{ border-color:#D75CBE }
```

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

Here you see how a box with a 4 pixel #D75CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75CBE; -webkit-box-shadow:4px 4px  
4px 4px #D75CBE; box-shadow:4px 4px 4px  
4px #D75CBE }
```

# Background

The CSS property to change the background color of an element to Hex D75CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75CBE }
```

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

```
.background{ background-color:#D75CBE }
```

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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