

# Converting Colors

Hex(D75CA6)

Have a look what the booklet for  
Hex(D75CA6) contains.

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# Color

Hex(D75CA6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75CA6
RGB	215, 92, 166
RGB Percent	84%, 36%, 65%
CMY	0.1569, 0.6392, 0.3490
CMYK	0.00, 0.57, 0.23, 0.16
HSL	324°, 61%, 60%
HSV	324°, 57%, 84%
XYZ	38.7344, 24.8545, 38.8323
YIQ	137.2130, 49.5540, 49.0900

# Conversions

## Conversions Part 2

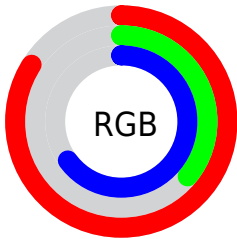
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 92, 166
Decimal	14113958
CIE <sub>Lab</sub>	56.93, 56.33, -16.08
CIE <sub>LCh</sub>	57, 58.583, 344.064
Yxy	24.8545, 0.3782, 0.2427
Android (android.graphics.Color)	4292304038 (0xFFD75CA6)
YUV	137.2130, 14.1920, 68.2192
Hunter-Lab	49.8543, 51.4408, -11.2838

# Details

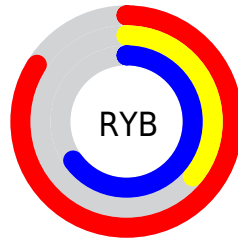
The Hex color **D75CA6** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5CD78D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF93DD**, and **9D2172** is the 20% darker color. If you saturate the color by 10%, you get **D7469D**, and if you desaturate by 10%, it is **D771AF**.

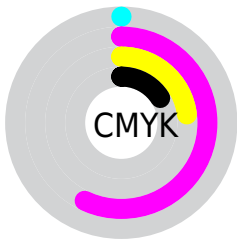
# Distribution



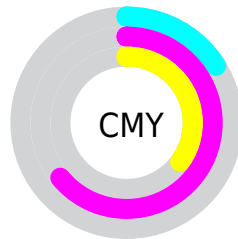
- Red (84%)
- Green (36%)
- Blue (65%)



- Red (84%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75CA6 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 D75CA6 by changing the saturation by 10% instead.



 D75CA6

 D75CA6

FFFFFF

 BA408C

 FF93DD

 9D2172

 FFAFFA

 810059

 FFCCFF

 650042

 FFE9FF

 4A002C

 310017

 000000

 D75CA6

 D75CA6

 D7469D

 D771AF

 D73195

 D787B7

 D71B8C

 D79CC0

 D70684

 D7B2C8

 D70081

 D7C8D1

 D7DDD9

 D7F2E2

 D7FFEB

 D7FFF3

# Harmonies

## Analogous

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



AA70D3



D75CA6



E55873

# Triad

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



D75CA6



8C8E16



009ECF

# Complementary

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



D75CA6



5CD78D

# 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.



00A1A0



D75CA6



51993A

# Square

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



D75CA6



B97C1E



009F6B



0096EB

# Rectangle

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



D75CA6



DF6152



009F6B



00A0C1



# Sweetspot

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



D75CA6



FFD4EE



8B5CD7



806675



000000



808080



# Same Dimension

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



D75CA6



FF4FB9



D75C6A



6B6067



AB0067



2B001A



# Inverse Universe

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



D75CA6



FF4FB9



5CD7C9



6B6067



AB0067



2B001A



# Previews

## White Background



This preview shows how the Hex color D75CA6 looks on a white background.

## Color Contrast Check

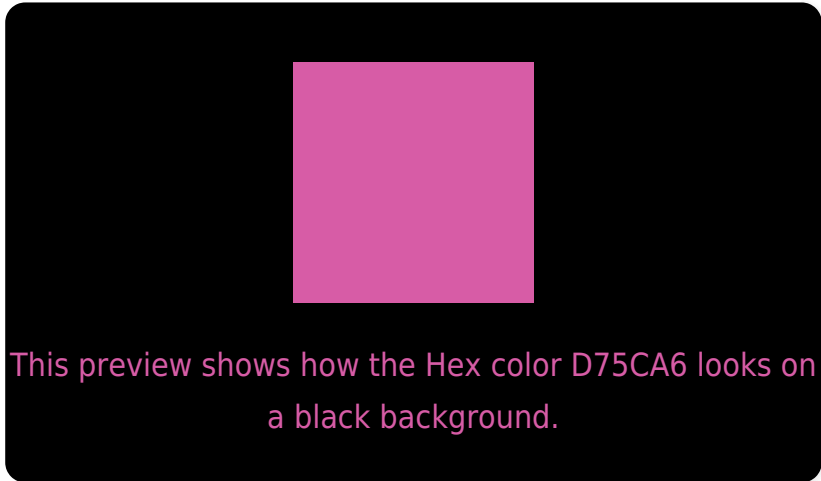
Large Text (above 18pt) WCAG AA ✓ Pass

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 D75CA6 Background



This preview shows how black text looks on a background with the Hex color D75CA6.

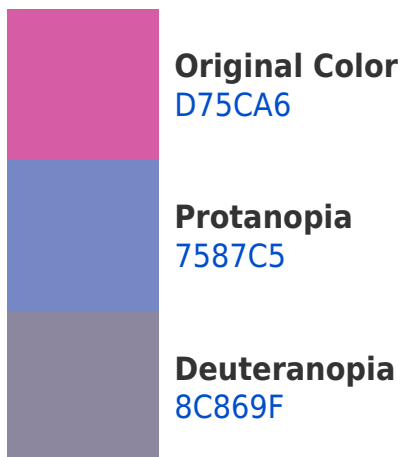


This preview shows how white text looks on a background with the Hex color D75CA6.

# 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**  
D26870

# Trichromacy



**Original Color**  
D75CA6



**Protanomaly**  
9977BA



**Deuteranomaly**  
A777A2



**Tritanomaly**  
D46484

# Monochromacy



**Original Color**  
D75CA6



**Achromatopsia**  
898989



**Achromatomaly**  
A57994

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75CA6 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 #D75CA6 looks like.

```
.text, #text, p{  
    color:#D75CA6  
}
```

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 #D75CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75CA6
}
```

## Border

The CSS property to change the border of an element to Hex D75CA6 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
#D75CA6 }
```

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

```
.border{ border-color:#D75CA6 }
```

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

Here you see how a box with a 4 pixel #D75CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75CA6; -webkit-box-shadow:4px 4px  
4px 4px #D75CA6; box-shadow:4px 4px 4px  
4px #D75CA6 }
```

# Background

The CSS property to change the background color of an element to Hex D75CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75CA6 }
```

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

```
.background{ background-color:#D75CA6 }
```

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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