

# Converting Colors

Hex(D75DB6)

Have a look what the booklet for  
Hex(D75DB6) contains.

|  |    |
|--|----|
| <b>Hex(D75DB6)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(D75DB6)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D75DB6                     |
| RGB         | 215, 93, 182               |
| RGB Percent | 84%, 36%, 71%              |
| CMY         | 0.1569, 0.6353, 0.2863     |
| CMYK        | 0.00, 0.57, 0.15, 0.16     |
| HSL         | 316°, 60%, 60%             |
| HSV         | 316°, 57%, 84%             |
| XYZ         | 40.3822, 25.6532, 47.0792  |
| YIQ         | 139.6240, 44.1430, 53.5430 |

# Conversions

## Conversions Part 2

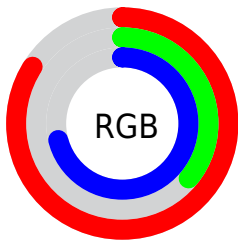
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 215, 93, 182                  |
| Decimal                             | 14114230                      |
| CIE <sub>Lab</sub>                  | 57.71, 58.18, -24.16          |
| CIE <sub>LCh</sub>                  | 58, 62.999, 337.454           |
| Yxy                                 | 25.6532, 0.3570,<br>0.2268    |
| Android<br>(android.graphics.Color) | 4292304310<br>(0xFFD75DB6)    |
| YUV                                 | 139.6240, 20.8914,<br>66.1048 |
| Hunter-Lab                          | 50.6490, 53.6815,<br>-19.6569 |

# Details

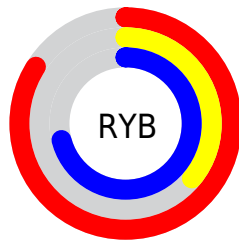
The Hex color **D75DB6** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5DD77E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF94EE**, and **9D2281** is the 20% darker color. If you saturate the color by 10%, you get **D747B0**, and if you desaturate by 10%, it is **D772BC**.

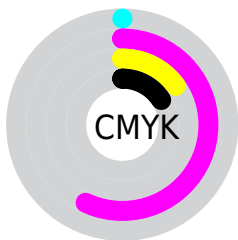
# Distribution



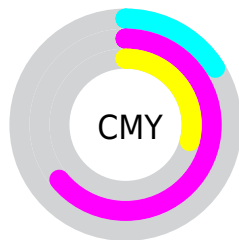
- Red (84%)
- Green (36%)
- Blue (71%)



- Red (84%)
- Yellow (36%)
- Blue (71%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75DB6 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 D75DB6 by changing the saturation by 10% instead.



 D75DB6

 D75DB6

FFFFFF

 BA419B

 FF94EE

 9D2281

 FFB1FF

 810068

 FFCDFE

 66004F

 FFEAFF

 4B0038

 320022

 0A0007

 000000

 D75DB6

 D75DB6

 D747B0

 D772BC

 D732AA

 D788C2

 D71CA5

 D79EC7

 D7079F

 D7B3CD

 D7009D

 D7C9D3

 D7DED9

 D7F3DF

 D7FFE5

 D7FFEA

# Harmonies

## Analogous

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



9E76E3



D75DB6



ED537F

# Triad

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



D75DB6



998C00



00A3CC

# Complementary

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



D75DB6



5DD77E

# 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.



00A497



D75DB6



5E9A2A

# Square

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



D75DB6



C6781C



00A15E



009CF0

# Rectangle

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



D75DB6



EA5A5B



00A15E



00A4BC



# Sweetspot

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



D75DB6



FFD4F3



7E5DD7



806679



000000



808080



# Same Dimension

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



D75DB6



FF52D0



D75D79



6B6068



AB007D



2B0020



# Inverse Universe

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



D75DB6



FF52D0



5DD7BB



6B6068



AB007D



2B0020



# Previews

## White Background



This preview shows how the Hex color D75DB6 looks on a white background.

## Color Contrast Check

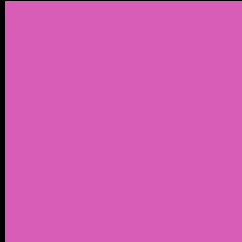
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D75DB6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

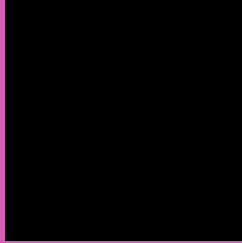
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D75DB6 Background



This preview shows how black text looks on a background with the Hex color D75DB6.




This preview shows how white text looks on a background with the Hex color D75DB6.

# 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**  
D06D74

# Trichromacy



**Original Color**  
D75DB6



**Protanomaly**  
9479CC



**Deuteranomaly**  
A378B2

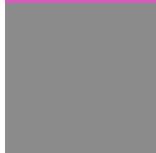


**Tritanomaly**  
D3678C

# Monochromacy



**Original Color**  
D75DB6



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
A77B9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75DB6 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 #D75DB6 looks like.

```
.text, #text, p{  
    color:#D75DB6  
}
```

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 #D75DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75DB6
}
```

## Border

The CSS property to change the border of an element to Hex D75DB6 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
#D75DB6 }
```

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

```
.border{ border-color:#D75DB6 }
```

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

Here you see how a box with a 4 pixel #D75DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75DB6; -webkit-box-shadow:4px 4px  
4px 4px #D75DB6; box-shadow:4px 4px 4px  
4px #D75DB6 }
```

# Background

The CSS property to change the background color of an element to Hex D75DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75DB6 }
```

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

```
.background{ background-color:#D75DB6 }
```

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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