

Converting Colors

Hex(D756CA)

Have a look what the booklet for
Hex(D756CA) contains.

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Color

Hex(D756CA)

Conversions

Conversions Part 1

Format	Color
Hex	D756CA
RGB	215, 86, 202
RGB Percent	84%, 34%, 79%
CMY	0.1569, 0.6627, 0.2078
CMYK	0.00, 0.60, 0.06, 0.16
HSL	306°, 62%, 59%
HSV	306°, 60%, 84%
XYZ	42.0128, 25.3669, 58.5591
YIQ	137.7950, 39.6480, 63.4240

Conversions

Conversions Part 2

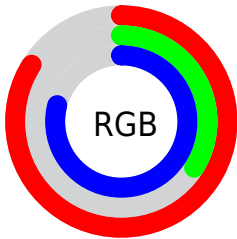
Format	Color
R _{YB}	215, 86, 202
Decimal	14112458
CIE Lab	57.43, 64.36, -36.04
CIE LCh	57, 73.766, 330.754
Yxy	25.3669, 0.3336, 0.2014
Android (android.graphics.Color)	4292302538 (0xFFD756CA)
YUV	137.7950, 31.6531, 67.7088
Hunter-Lab	50.3656, 60.7572, -33.6794

Details

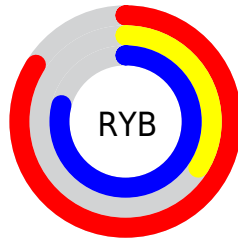
The Hex color **D756CA** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **56D763**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF8FFF**, and **9D1393** is the 20% darker color. If you saturate the color by 10%, you get **D741C8**, and if you desaturate by 10%, it is **D76CCC**.

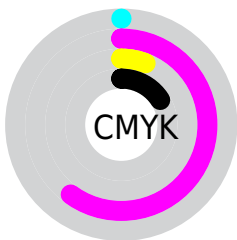
Distribution



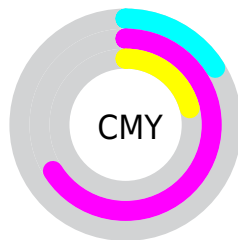
- Red (84%)
- Green (34%)
- Blue (79%)



- Red (84%)
- Yellow (34%)
- Blue (79%)



- Cyan (0%)
- Magenta (60%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color D756CA 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 D756CA by changing the saturation by 10% instead.

 D756CA

 D756CA

FFFFFF

 BA38AE

 FF8FFF

 9D1393

 FFABFF

 810079

 FFC8FF

 650060

 FFE5FF

 4A0048

 310031

 0A001B

 000000

 D756CA

 D756CA

 D741C8

 D76CCC

 D72BC6

 D781CE

 D715C3

 D797D1

 D700C1

 D7ACD3

 D7C2D5

 D7D7D7

 D7EDD9

 D7FFDB

 D7FFDE

Harmonies

Analogous

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



8678FA



D756CA



F83F8B

Triad

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



D756CA



A58800



00A6CA

Complementary

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



D756CA



56D763

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.



00A68A



D756CA



649900

Square

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



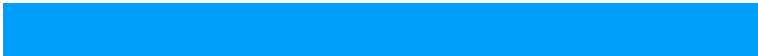
D756CA



D66D05



00A246



00A0FA

Rectangle

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



D756CA



FA4561



00A246



00A7B6

Sweetspot

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



D756CA



FFD1FA



6356D7



80637D



000000



808080

Same Dimension

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



D756CA



FF47EC



D7568A



6B606A



AB009A



2B0027

Inverse Universe

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



D756CA



FF47EC



56D7A3



6B606A



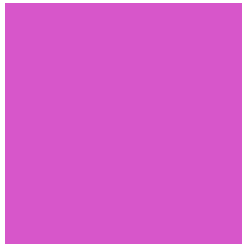
AB009A



2B0027

Previews

White Background



This preview shows how the Hex color D756CA 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

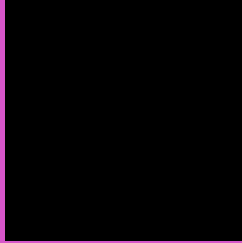
Any Text WCAG AA ✓ Pass

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 D756CA Background



This preview shows how black text looks on a background with the Hex color D756CA.

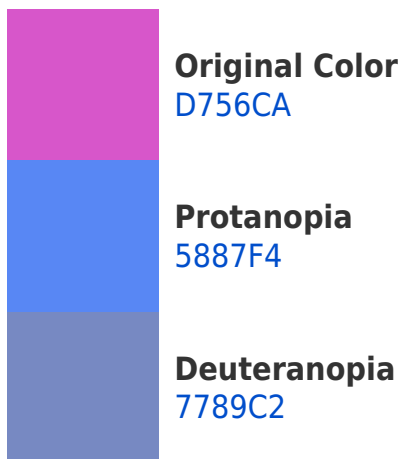



This preview shows how white text looks on a background with the Hex color D756CA.

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](#).

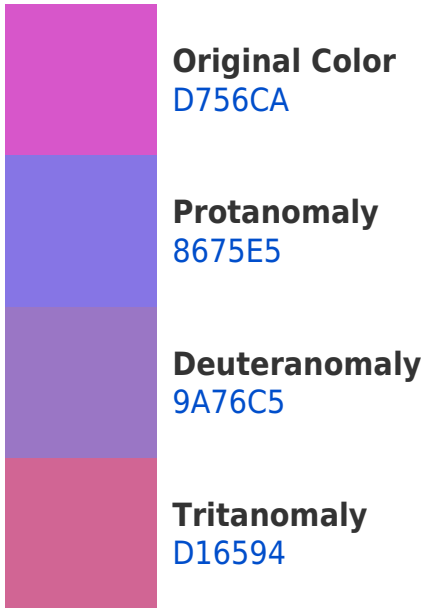
Dichromacy



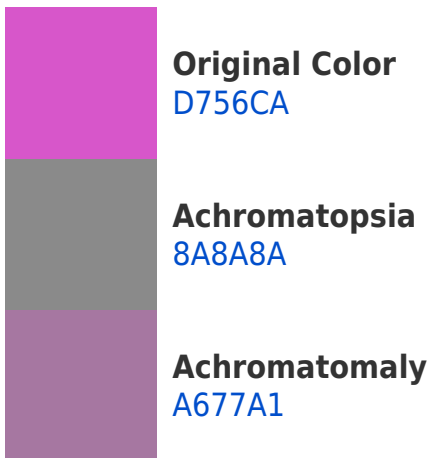


Tritanopia
CE6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D756CA 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 #D756CA looks like.

```
.text, #text, p{  
    color:#D756CA  
}
```

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 #D756CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D756CA
}
```

Border

The CSS property to change the border of an element to Hex D756CA 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
#D756CA }
```

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

```
.border{ border-color:#D756CA }
```

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

Here you see how a box with a 4 pixel #D756CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D756CA; -webkit-box-shadow:4px 4px  
4px 4px #D756CA; box-shadow:4px 4px 4px  
4px #D756CA }
```

Background

The CSS property to change the background color of an element to Hex D756CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D756CA }
```

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

```
.background{ background-color:#D756CA }
```

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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