

Converting Colors

Hex(D56BC0)

Have a look what the booklet for
Hex(D56BC0) contains.

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Color

Hex(D56BC0)

Conversions

Conversions Part 1

Format	Color
Hex	D56BC0
RGB	213, 107, 192
RGB Percent	84%, 42%, 75%
CMY	0.1647, 0.5804, 0.2471
CMYK	0.00, 0.50, 0.10, 0.16
HSL	312°, 56%, 63%
HSV	312°, 50%, 84%
XYZ	42.2127, 28.4673, 53.1391
YIQ	148.3840, 35.8910, 48.9070

Conversions

Conversions Part 2

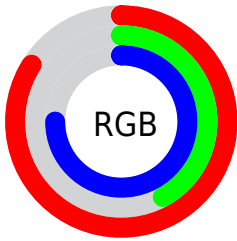
Format	Color
RYB	213, 107, 192
Decimal	13986752
CIELab	60.31, 52.56, -25.90
CIELCh	60, 58.597, 333.771
Yxy	28.4673, 0.3409, 0.2299
Android (android.graphics.Color)	4292176832 (0xFFD56BC0)
YUV	148.3840, 21.5027, 56.6682
Hunter-Lab	53.3548, 47.8531, -21.7020

Details

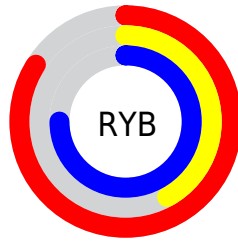
The Hex color **D56BC0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BD580**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA2F9**, and **9C358A** is the 20% darker color. If you saturate the color by 10%, you get **D556BC**, and if you desaturate by 10%, it is **D580C4**.

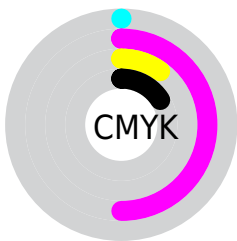
Distribution



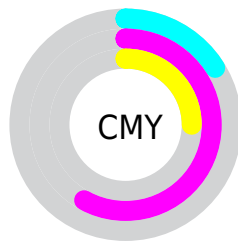
- Red (84%)
- Green (42%)
- Blue (75%)



- Red (84%)
- Yellow (42%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56BC0 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 D56BC0 by changing the saturation by 10% instead.

 D56BC0

 D56BC0

FFFFFF

 B850A5

 FFA2F9

 9C358A

 FFBEFF

 801671

 FFDAFF

 650058

 FFF8FF

 4B0040

 34002A

 100014

 000000

 D56BC0

 D56BC0

 D556BC

 D580C4

 D540B8

 D596C8

 D52BB3

 D5ABCD

 D516AF

 D5C0D1

 D501AB

 D5D5D5

 D500AB

 D5EBD9

 D5FFDE

 D5FFE2

 D5FFE6

Harmonies

Analogous

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



9B81E8



D56BC0



EE608D

Triad

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



D56BC0



A6911E



00A9CA

Complementary

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



D56BC0



6BD580

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.



00AA97



D56BC0



719F34

Square

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



D56BC0



D07E32



08A761



00A3EE

Rectangle

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



D56BC0



EE646B



08A761



00AABA

Sweetspot

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



D56BC0



FFD9F7



7E6BD5



80697B



000000



808080

Same Dimension

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



D56BC0



FF66E1



D56B8D



6B6069



AB0089



2B0023

Inverse Universe

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



D56BC0



FF66E1



6BD5B3



6B6069



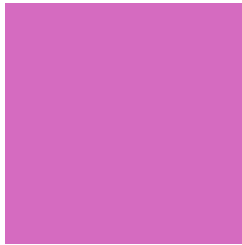
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color D56BC0 looks on a white background.

Color Contrast Check

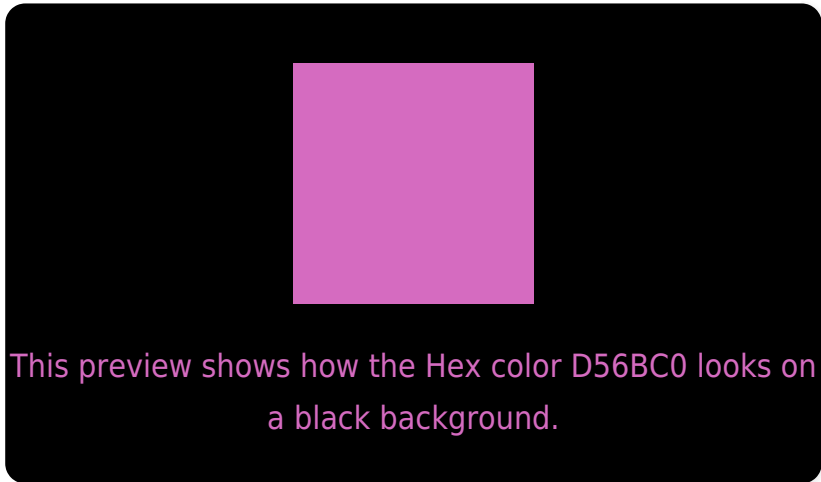
Large Text (above 18pt) WCAG AA ✓ Pass

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 D56BC0 Background



This preview shows how black text looks on a background with the Hex color D56BC0.

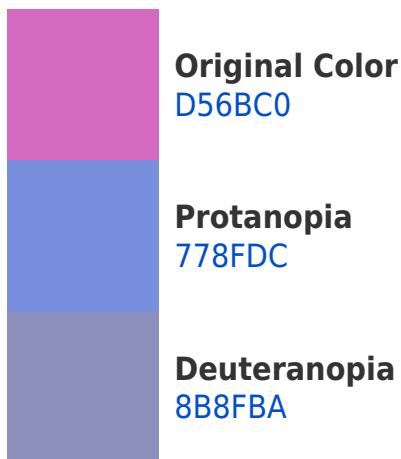


This preview shows how white text looks on a background with the Hex color D56BC0.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D56BC0 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 #D56BC0 looks like.

```
.text, #text, p{  
    color:#D56BC0  
}
```

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 #D56BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56BC0
}
```

Border

The CSS property to change the border of an element to Hex D56BC0 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
#D56BC0 }
```

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

```
.border{ border-color:#D56BC0 }
```

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

Here you see how a box with a 4 pixel #D56BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56BC0; -webkit-box-shadow:4px 4px  
4px 4px #D56BC0; box-shadow:4px 4px 4px  
4px #D56BC0 }
```

Background

The CSS property to change the background color of an element to Hex D56BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56BC0 }
```

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

```
.background{ background-color:#D56BC0 }
```

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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