

# Converting Colors

Hex(C56DD3)

Have a look what the booklet for  
Hex(C56DD3) contains.

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# **Color**

**Hex(C56DD3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56DD3
RGB	197, 109, 211
RGB Percent	77%, 43%, 83%
CMY	0.2275, 0.5725, 0.1725
CMYK	0.07, 0.48, 0.00, 0.17
HSL	292°, 54%, 63%
HSV	292°, 48%, 83%
XYZ	40.2525, 27.5107, 64.8166
YIQ	146.9400, 19.7060, 50.3780

# Conversions

## Conversions Part 2

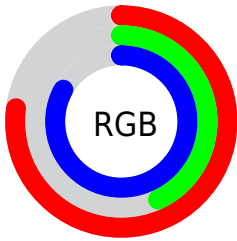
Format	Color
<a href="#">RYB</a>	<a href="#">197, 109, 211</a>
Decimal	<a href="#">12938707</a>
CIELab	<a href="#">59.44, 50.29, -38.17</a>
CIELCh	<a href="#">59, 63.134, 322.804</a>
Yxy	<a href="#">27.5107, 0.3036, 0.2075</a>
Android (android.graphics.Color)	<a href="#">4291128787 (0xFFC56DD3)</a>
YUV	<a href="#">146.9400, 31.5816, 43.9026</a>
Hunter-Lab	<a href="#">52.4507, 45.1984, -36.5529</a>

# Details

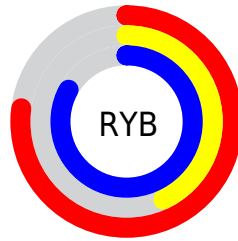
The Hex color **C56DD3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BD36D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA3FF**, and **8D389C** is the 20% darker color. If you saturate the color by 10%, you get **C258D3**, and if you desaturate by 10%, it is **C882D3**.

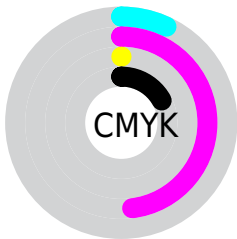
# Distribution



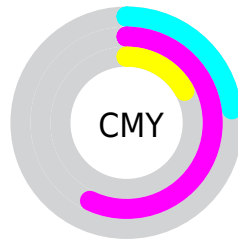
- Red (77%)
- Green (43%)
- Blue (83%)



- Red (77%)
- Yellow (43%)
- Blue (83%)



- Cyan (7%)
- Magenta (48%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (57%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C56DD3 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 C56DD3 by changing the saturation by 10% instead.



 C56DD3

 C56DD3

FFFFFF

 A953B7

 FFA3FF

 8D389C

 FFBFFF

 721C82

 FFDCFF

 570068

 FFF9FF

 3D004F

 280038

 000021

 000007

 000000

 C56DD3

 C56DD3

 C258D3

 C882D3

 BF43D3

 CB97D3

 BC2ED3

 CEACD3

 B919D3

 D1C1D3

 B704D3

 D3D7D3

 B600D3

 D6ECD3

 D9FFD3

 DCFFD3

 DFFFD3

# Harmonies

## Analogous

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



7586F6



C56DD3



EC5A9F

# Triad

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



C56DD3



B6880C



00A9B9

# Complementary

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



C56DD3



7BD36D

# 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.



00A87F



C56DD3



829917

# Square

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



C56DD3



DD7136



36A348



00A5E7

# Rectangle

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



C56DD3



F3587A



36A348



00A9A6



# Sweetspot

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



C56DD3



FAD9FF



6D7CD3



7C6980



000000



808080



# Same Dimension

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



C56DD3



EB6BFF



D36DAF



675E69



9100A8



230029



# Inverse Universe

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



D36D7B



FF6B7F



6DD391



695E60



A80017

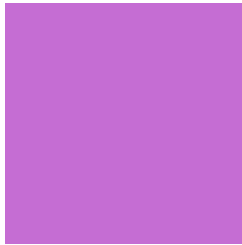


290006



# Previews

## White Background



This preview shows how the Hex color C56DD3 looks on a white background.

## Color Contrast Check

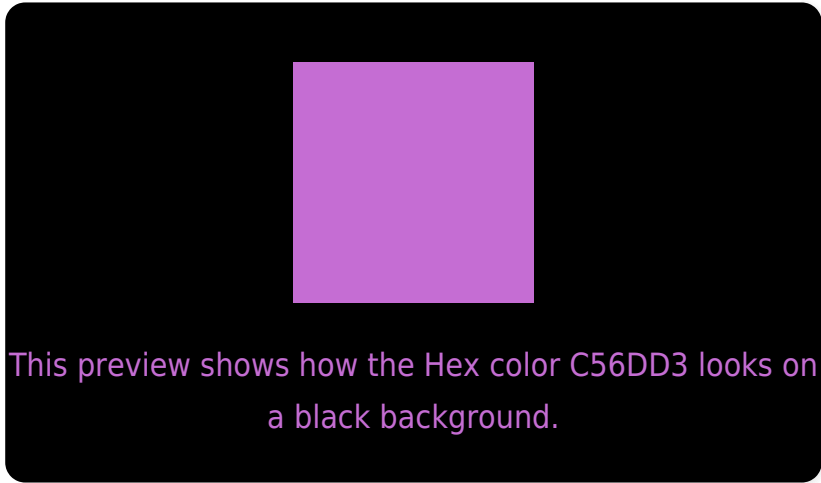
Large Text (above 18pt) WCAG AA ✓ Pass

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

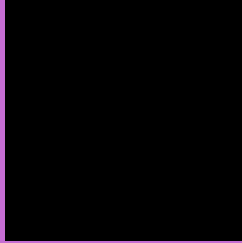
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C56DD3 Background



This preview shows how black text looks on a background with the Hex color C56DD3.

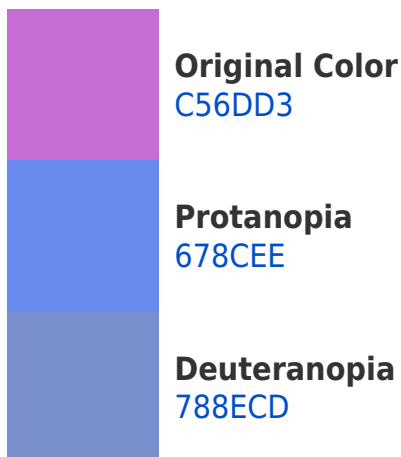


This preview shows how white text looks on a background with the Hex color C56DD3.

# 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](#).

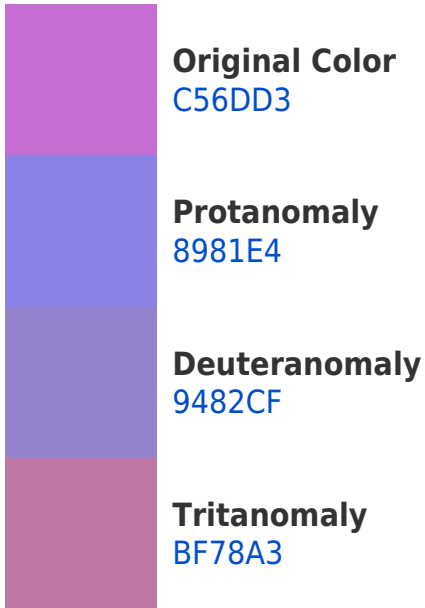
## Dichromacy



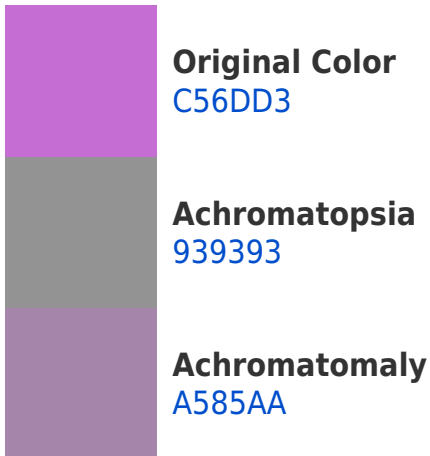


**Tritanopia**  
BB7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C56DD3 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 #C56DD3 looks like.

```
.text, #text, p{  
    color:#C56DD3  
}
```

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 #C56DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56DD3
}
```

## Border

The CSS property to change the border of an element to Hex C56DD3 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
#C56DD3 }
```

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

```
.border{ border-color:#C56DD3 }
```

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

Here you see how a box with a 4 pixel #C56DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56DD3; -webkit-box-shadow:4px 4px  
4px 4px #C56DD3; box-shadow:4px 4px 4px  
4px #C56DD3 }
```

# Background

The CSS property to change the background color of an element to Hex C56DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56DD3 }
```

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

```
.background{ background-color:#C56DD3 }
```

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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