

# Converting Colors

Hex(533CD0)

Have a look what the booklet for  
Hex(533CD0) contains.

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# Color

Hex(533CD0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	533CD0
RGB	83, 60, 208
RGB Percent	33%, 24%, 82%
CMY	0.6745, 0.7647, 0.1843
CMYK	0.60, 0.71, 0.00, 0.18
HSL	249°, 61%, 53%
HSV	249°, 71%, 82%
XYZ	16.5683, 9.6248, 60.6590
YIQ	83.7490, -33.8000, 50.9040

# Conversions

## Conversions Part 2

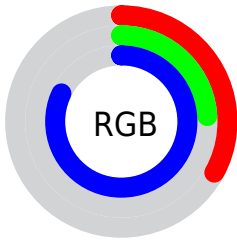
Format	Color
R <sub>Y</sub> B	83, 60, 208
Decimal	5455056
CIE Lab	37.16, 50.17, -72.91
CIE LCh	37, 88.503, 304.531
Yxy	9.6248, 0.1908, 0.1108
Android (android.graphics.Color)	4283645136 (0xFF533CD0)
YUV	83.7490, 61.2557, -0.6569
Hunter-Lab	31.0238, 41.0364, -94.2095

# Details

The Hex color **533CD0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B9D03C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **916EFF**, and **000B98** is the 20% darker color. If you saturate the color by 10%, you get **4127D0**, and if you desaturate by 10%, it is **6551D0**.

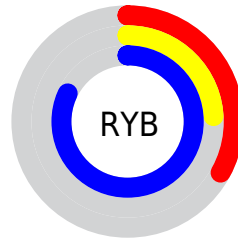
# Distribution



Red (33%)

Green (24%)

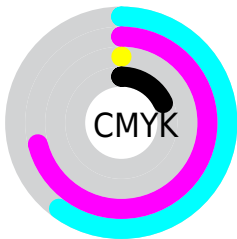
Blue (82%)



Red (33%)

Yellow (24%)

Blue (82%)

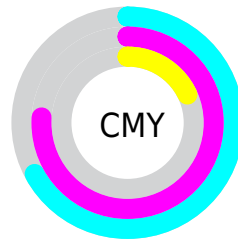


Cyan (60%)

Magenta (71%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (76%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 533CD0 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 533CD0 by changing the saturation by 10% instead.



■ 533CD0

■ 533CD0

FFFFFF

■ 2F24B4

■ 916EFF

■ 000B98

■ AF88FF

■ 00007D

■ CDA3FF

■ 000064

■ EBBEFF

■ 00094A

■ FFDAFF

■ 000433

■ FFF7FF

■ 00021D

■ 000000

■ 533CD0

■ 533CD0

4127D0

6551D0

3012D0

7666D0

2000D0

887AD0

998FD0

ABA4D0

BCB9D0

CECED0

E0E2D0

F1F7D0

# Harmonies

## Analogous

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



0060EA



533CD0



AF0096

# Triad

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



533CD0



9A3800



007161

# Complementary

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



533CD0



B9D03C

# 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.



006E0D



533CD0



625900

# Square

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



533CD0



C00008



006800



0072A8

# Rectangle

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



533CD0



C70068



006800



007048



# Sweetspot

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



533CD0



D2C9FF



3CBAD0



656080



000000



808080



# Same Dimension

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



533CD0



4826FF



9C3CD0



605E69



1A00A8



060029



# Inverse Universe

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



D03CB9



FF26DD



70D03C



695E67



A8008E

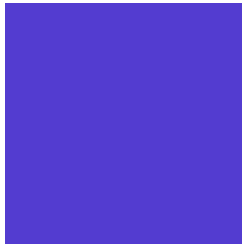


290022



# Previews

## White Background



This preview shows how the Hex color 533CD0 looks on a white background.

## Color Contrast Check

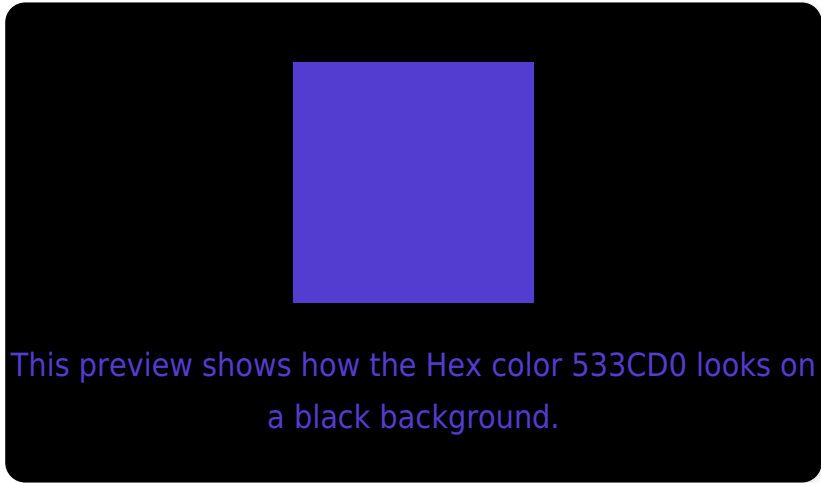
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

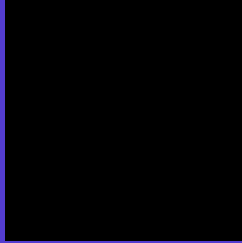
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 533CD0 Background



This preview shows how black text looks on a background with the Hex color 533CD0.

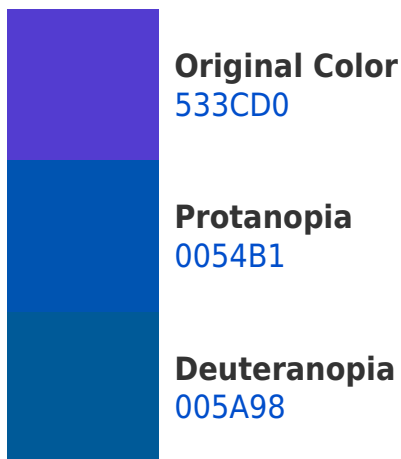


This preview shows how white text looks on a background with the Hex color 533CD0.

# 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](#).

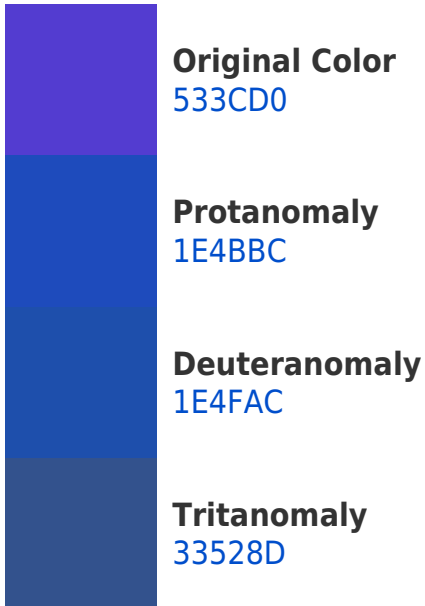
## Dichromacy





**Tritanopia**  
215F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 533CD0 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 #533CD0 looks like.

```
.text, #text, p{  
    color:#533CD0  
}
```

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 #533CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533CD0
}
```

## Border

The CSS property to change the border of an element to Hex 533CD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

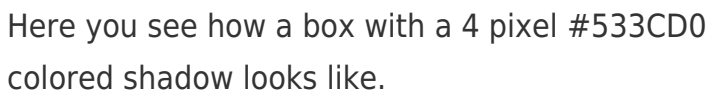
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533CD0 }
```

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

```
.border{ border-color:#533CD0 }
```

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



Here you see how a box with a 4 pixel #533CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533CD0; -webkit-box-shadow:4px 4px  
4px 4px #533CD0; box-shadow:4px 4px 4px  
4px #533CD0 }
```

# Background

The CSS property to change the background color of an element to Hex 533CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533CD0 }
```

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

```
.background{ background-color:#533CD0 }
```

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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