

# Converting Colors

Hex(553BCF)

Have a look what the booklet for  
Hex(553BCF) contains.

<b>Hex(553BCF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(553BCF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	553BCF
RGB	85, 59, 207
RGB Percent	33%, 23%, 81%
CMY	0.6667, 0.7686, 0.1882
CMYK	0.59, 0.71, 0.00, 0.19
HSL	251°, 61%, 52%
HSV	251°, 71%, 81%
XYZ	16.5728, 9.5642, 60.0041
YIQ	83.6460, -32.0120, 51.5400

# Conversions

## Conversions Part 2

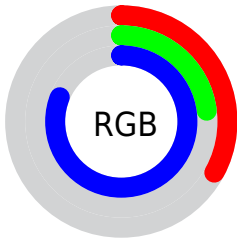
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 59, 207
Decimal	5585871
CIE <sub>Lab</sub>	37.05, 50.67, -72.51
CIE <sub>LCh</sub>	37, 88.462, 304.949
Yxy	9.5642, 0.1924, 0.1110
Android (android.graphics.Color)	4283775951 (0xFF553BCF)
YUV	83.6460, 60.8135, 1.1875
Hunter-Lab	30.9261, 41.5345, -93.3887

# Details

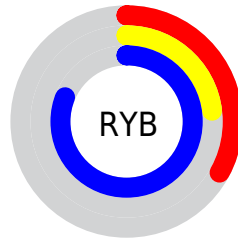
The Hex color **553BCF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B5CF3B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **926DFF**, and **000897** is the 20% darker color. If you saturate the color by 10%, you get **4426CF**, and if you desaturate by 10%, it is **6650CF**.

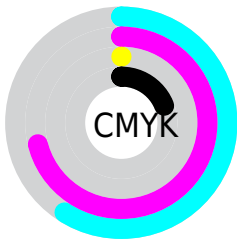
# Distribution



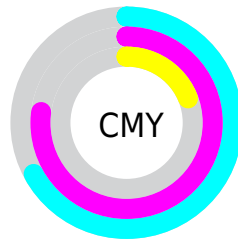
- Red (33%)
- Green (23%)
- Blue (81%)



- Red (33%)
- Yellow (23%)
- Blue (81%)



- Cyan (59%)
- Magenta (71%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (77%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 553BCF 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 553BCF by changing the saturation by 10% instead.



 553BCF

 553BCF

FFFFFF

 3223B3

 926DFF

 000897

 B087FF

 00007C

 CEA2FF

 000063

 EDBDFF

 00094A

 FFD9FF

 000432

 FFF6FF

 00021C

 000000

 553BCF

 553BCF

4426CF

6650CF

3312CF

7764CF

2400CF

8879CF

998ECF

AAA3CF

BBB7CF

CCCCCF

DEE1CF

EFF5CF

# Harmonies

## Analogous

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



005FEA



553BCF



B00095

# Triad

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



553BCF



993900



007162

# Complementary

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



553BCF



B5CF3B

# 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.



006E0E



553BCF



615900

# Square

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



553BCF



BF0006



006800



0072A9

# Rectangle

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



553BCF



C70067



006800



007049



# Sweetspot

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



553BCF



D3C9FF



3BB6CF



656080



000000



808080



# Same Dimension

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



553BCF



4A24FF



9E3BCF



605E69



1E00A8



070029



# Inverse Universe

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



CF3BB5



FF24D8



6CCF3B



695E67



A8008B

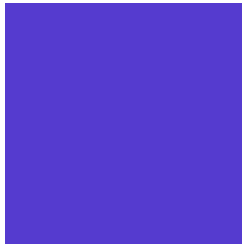


290022



# Previews

## White Background



This preview shows how the Hex color 553BCF 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

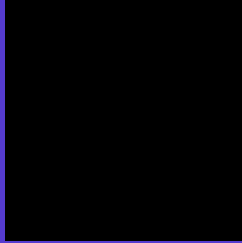
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 553BCF Background



This preview shows how black text looks on a background with the Hex color 553BCF.

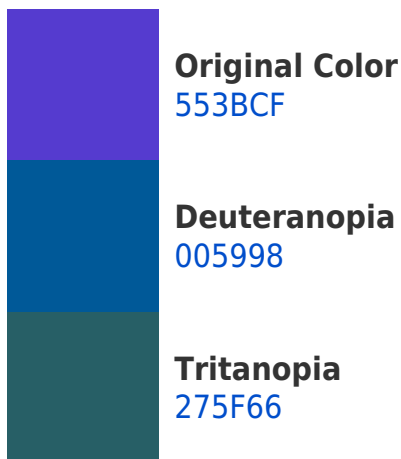


This preview shows how white text looks on a background with the Hex color 553BCF.

# 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



**Original Color**  
553BCF

**Deuteranomaly**  
1F4EAC

**Tritanomaly**  
38528C

# Monochromacy



**Original Color**  
553BCF

**Achromatopsia**  
545454

**Achromatomaly**  
544B81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 553BCF 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 #553BCF looks like.

```
.text, #text, p{  
    color:#553BCF  
}
```

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 #553BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553BCF
}
```

## Border

The CSS property to change the border of an element to Hex 553BCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

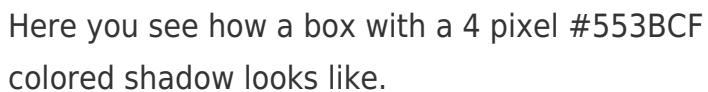
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553BCF }
```

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

```
.border{ border-color:#553BCF }
```

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



Here you see how a box with a 4 pixel #553BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553BCF; -webkit-box-shadow:4px 4px  
4px 4px #553BCF; box-shadow:4px 4px 4px  
4px #553BCF }
```

# Background

The CSS property to change the background color of an element to Hex 553BCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553BCF }
```

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

```
.background{ background-color:#553BCF }
```

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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