

# Converting Colors

Hex(534797)

Have a look what the booklet for  
Hex(534797) contains.

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# Color

**Hex(534797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534797
RGB	83, 71, 151
RGB Percent	33%, 28%, 59%
CMY	0.6745, 0.7216, 0.4078
CMYK	0.45, 0.53, 0.00, 0.41
HSL	249°, 36%, 44%
HSV	249°, 53%, 59%
XYZ	11.4064, 8.5798, 30.3330
YIQ	83.7080, -18.5280, 27.4240

# Conversions

## Conversions Part 2

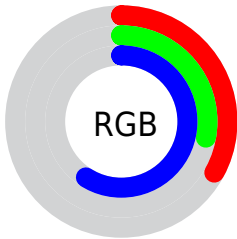
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 71, 151
Decimal	5457815
CIE <sub>Lab</sub>	35.16, 26.10, -42.41
CIE <sub>LCh</sub>	35, 49.798, 301.608
Yxy	8.5798, 0.2267, 0.1705
Android (android.graphics.Color)	4283647895 (0xFF534797)
YUV	83.7080, 33.1750, -0.6209
Hunter-Lab	29.2914, 18.2503, -40.8946

# Details

The Hex color **534797** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8B9747**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8978CE**, and **1C1B63** is the 20% darker color. If you saturate the color by 10%, you get **463897**, and if you desaturate by 10%, it is **605697**.

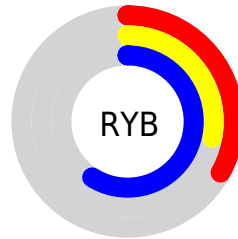
# Distribution



Red (33%)

Green (28%)

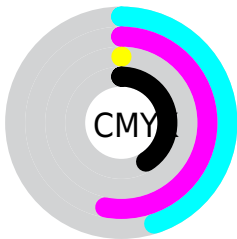
Blue (59%)



Red (33%)

Yellow (28%)

Blue (59%)

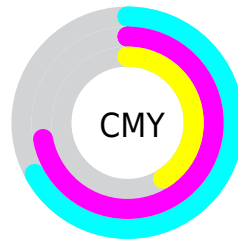


Cyan (45%)

Magenta (53%)

Yellow (0%)

Black (41%)



Cyan (67%)

Magenta (72%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534797 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 534797 by changing the saturation by 10% instead.



■ 534797

■ 534797

FFFFFF

■ 38307D

■ 8978CE

■ 1C1B63

■ A492EA

■ 00054B

■ C0ACFF

■ 000034

■ DDC8FF

■ 00021D

■ FAE4FF

■ 000000

■ 534797

■ 534797

■ 463897

■ 605697

■ 392997

■ 6D6597

■ 2C1A97

■ 7A7497

■ 200B97

■ 868397

■ 170097

■ 939397

■ A0A297

■ ADB197

■ BAC097

■ C7CF97

# Harmonies

## Analogous

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



0057A3



534797



833379

# Triad

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



534797



814204



006454

# Complementary

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



534797



8B9747

# 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.



00622A



534797



635200

# Square

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



534797



952F2B



3A5C00



00647B

# Rectangle

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



534797



932860



3A5C00



006446



# Sweetspot

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



534797



AAA5C4



478B97



535163



E3E3E3



636363



# Same Dimension

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



534797



5A47C4



7B4797



46454D



15008C



02000D



# Inverse Universe

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



97478B



C447B2



639747



4D454B



8C0077



0D000B



# Previews

## White Background



This preview shows how the Hex color 534797 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

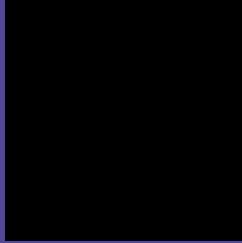
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534797 Background



This preview shows how black text looks on a background with the Hex color 534797.

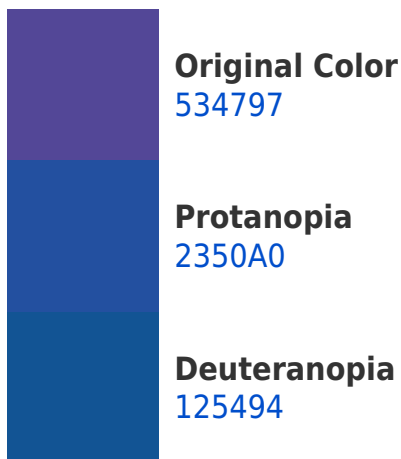


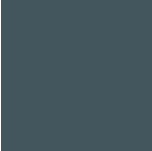
This preview shows how white text looks on a background with the Hex color 534797.

# 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**  
44565D

# Trichromacy



**Original Color**  
534797

**Protanomaly**  
344D9D

**Deuteranomaly**  
2A4F95

**Tritanomaly**  
495172

# Monochromacy



**Original Color**  
534797

**Achromatopsia**  
545454

**Achromatomaly**  
544F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534797 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 #534797 looks like.

```
.text, #text, p{  
    color:#534797  
}
```

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 #534797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534797
}
```

## Border

The CSS property to change the border of an element to Hex 534797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

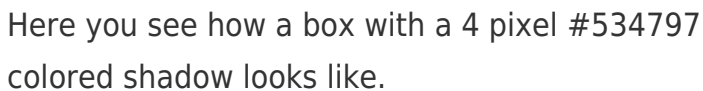
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534797 }
```

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

```
.border{ border-color:#534797 }
```

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



Here you see how a box with a 4 pixel #534797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534797; -webkit-box-shadow:4px 4px  
4px 4px #534797; box-shadow:4px 4px 4px  
4px #534797 }
```

# Background

The CSS property to change the background color of an element to Hex 534797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534797 }
```

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

```
.background{ background-color:#534797 }
```

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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