

# Converting Colors

Hex(4954C7)

Have a look what the booklet for  
Hex(4954C7) contains.

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# Color

Hex(4954C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4954C7
RGB	73, 84, 199
RGB Percent	29%, 33%, 78%
CMY	0.7137, 0.6706, 0.2196
CMYK	0.63, 0.58, 0.00, 0.22
HSL	235°, 53%, 53%
HSV	235°, 63%, 78%
XYZ	16.2268, 11.8806, 55.4708
YIQ	93.8210, -43.4710, 33.4330

# Conversions

## Conversions Part 2

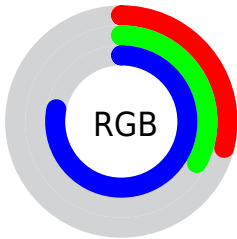
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 83, 199
Decimal	4805831
CIE <sub>Lab</sub>	41.03, 31.57, -61.41
CIE <sub>LCh</sub>	41, 69.055, 297.209
Yxy	11.8806, 0.1942, 0.1421
Android (android.graphics.Color)	4282995911 (0xFF4954C7)
YUV	93.8210, 51.8532, -18.2600
Hunter-Lab	34.4683, 23.7136, -71.2892

# Details

The Hex color **4954C7** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C7BC49**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8686FF**, and **002790** is the 20% darker color. If you saturate the color by 10%, you get **3542C7**, and if you desaturate by 10%, it is **5D66C7**.

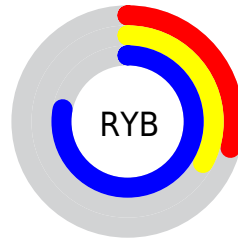
# Distribution



Red (29%)

Green (33%)

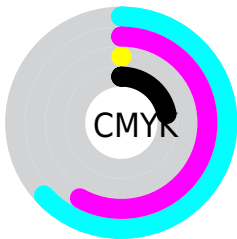
Blue (78%)



Red (29%)

Yellow (33%)

Blue (78%)

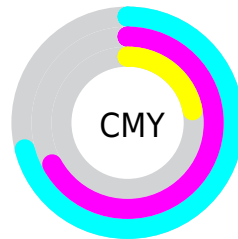


Cyan (63%)

Magenta (58%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (67%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4954C7 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 4954C7 by changing the saturation by 10% instead.



■ 4954C7

■ 4954C7

FFFFFF

■ 253DAB

■ 8686FF

■ 002790

■ A3A0FF

■ 001476

■ C1BBFF

■ 00005C

■ DED6FF

■ 000744

■ FDF3FF

■ 00032C

■ 000117

■ 000000

■ 4954C7

■ 4954C7

■ 3542C7

■ 5D66C7

■ 2130C7

■ 7178C7

■ 0D1EC7

■ 858AC7

■ 0011C7

■ 999DC7

■ ADAFC7

■ C0C1C7

■ D4D3C7

■ E8E5C7

■ FCF7C7

# Harmonies

## Analogous

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



006AD4



4954C7



9D319F

# Triad

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



4954C7



A44300



00785A

# Complementary

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



4954C7



C7BC49

# 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.



00741B



4954C7



7B5D00

# Square

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



4954C7



BD1B31



436C00



007893

# Rectangle

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



4954C7



B70F7B



436C00



007746



# Sweetspot

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



4954C7



CFD3FF



49C7BA



626580



000000



808080



# Same Dimension

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



4954C7



3D4EFF



7B49C7



5A5A63



000EA3



000324



# Inverse Universe

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



C74954



FF3D4E



95C749



635A5A



A3000E

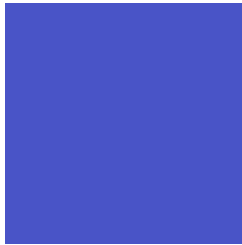


240003



# Previews

## White Background



This preview shows how the Hex color 4954C7 looks on a white background.

## Color Contrast Check

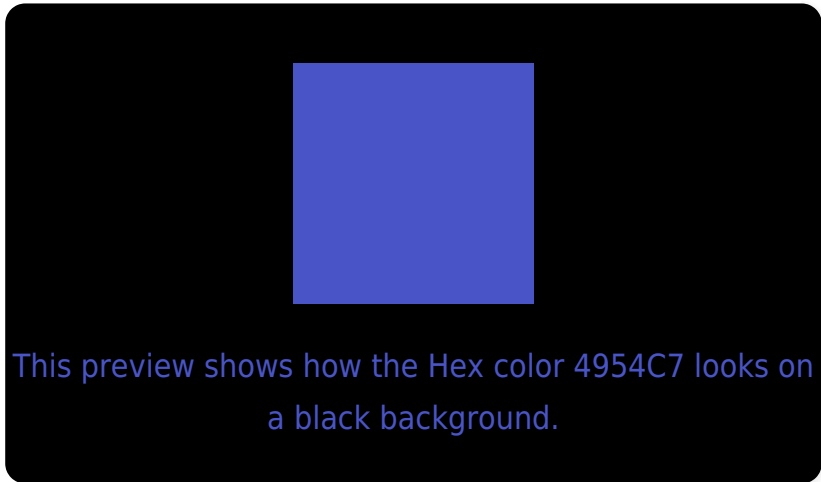
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

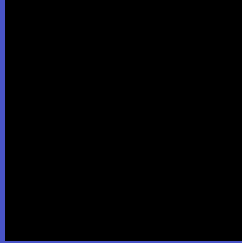
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4954C7 Background



This preview shows how black text looks on a background with the Hex color 4954C7.

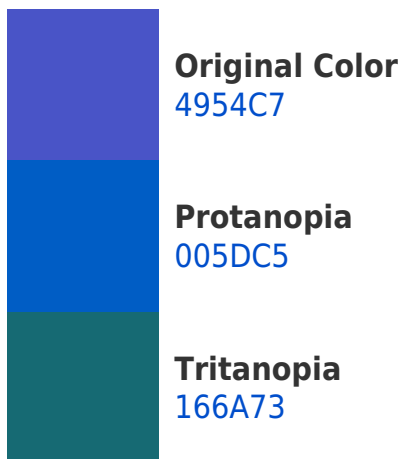


This preview shows how white text looks on a background with the Hex color 4954C7.

# 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**  
4954C7

**Protanomaly**  
1B5AC6

**Tritanomaly**  
296292

# Monochromacy



**Original Color**  
4954C7

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
565A84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4954C7 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 #4954C7 looks like.

```
.text, #text, p{  
    color:#4954C7  
}
```

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 #4954C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4954C7
}
```

## Border

The CSS property to change the border of an element to Hex 4954C7 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
#4954C7 }
```

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

```
.border{ border-color:#4954C7 }
```

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

Here you see how a box with a 4 pixel #4954C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4954C7; -webkit-box-shadow:4px 4px  
4px 4px #4954C7; box-shadow:4px 4px 4px  
4px #4954C7 }
```

# Background

The CSS property to change the background color of an element to Hex 4954C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4954C7 }
```

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

```
.background{ background-color:#4954C7 }
```

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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