

# Converting Colors

Hex(5474CE)

Have a look what the booklet for  
Hex(5474CE) contains.

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# Color

Hex(5474CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	5474CE
RGB	84, 116, 206
RGB Percent	33%, 45%, 81%
CMY	0.6706, 0.5451, 0.1922
CMYK	0.59, 0.44, 0.00, 0.19
HSL	224°, 55%, 57%
HSV	224°, 59%, 81%
XYZ	21.0421, 18.8318, 60.9184
YIQ	116.6920, -47.9620, 21.2060

# Conversions

## Conversions Part 2

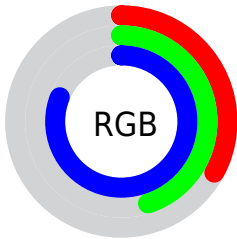
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 109, 206
Decimal	5534926
CIE <sub>Lab</sub>	50.49, 15.88, -50.16
CIE <sub>LCh</sub>	50, 52.616, 287.565
Yxy	18.8318, 0.2088, 0.1868
Android (android.graphics.Color)	4283725006 (0xFF5474CE)
YUV	116.6920, 44.0288, -28.6709
Hunter-Lab	43.3957, 10.6105, -52.8537

# Details

The Hex color **5474CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **CEAE54**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8FA8FF**, and **004597** is the 20% darker color. If you saturate the color by 10%, you get **3F65CE**, and if you desaturate by 10%, it is **6983CE**.

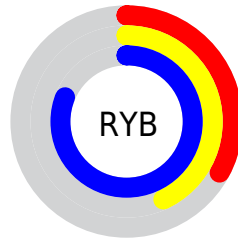
# Distribution



Red (33%)

Green (45%)

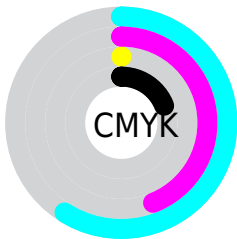
Blue (81%)



Red (33%)

Yellow (43%)

Blue (81%)

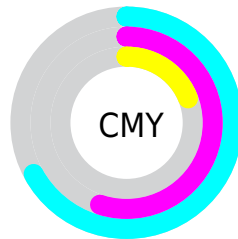


Cyan (59%)

Magenta (44%)

Yellow (0%)

Black (19%)



Cyan (67%)

Magenta (55%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5474CE 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 5474CE by changing the saturation by 10% instead.



■ 5474CE

■ 5474CE

FFFFFF

■ 345CB2

■ 8FA8FF

■ 004597

■ ACC3FF

■ 002F7D

■ C9DFFF

■ 001B63

■ E6FBFF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 5474CE

■ 5474CE

 3F65CE

 6983CE

 2B56CE

 7D92CE

 1646CE

 92A2CE

 0237CE

 A6B1CE

 0036CE

 BBC0CE

 D0CFCE

 E4DECE

 F9EECE

 FFFDCE

# Harmonies

## Analogous

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



0083D0



5474CE



9B61B5

# Triad

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



5474CE



BC5D37



008C63

# Complementary

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



5474CE



CEAE54

# 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.



408738



5474CE



9F6F18

# Square

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



5474CE



C94F60



767E17



008E92

# Rectangle

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



5474CE



B7549B



767E17



008B54



# Sweetspot

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



5474CE



D1DDFF



54CEAD



636B80



000000



808080



# Same Dimension

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



5474CE



4A79FF



7054CE



5C5E66



002BA6



000A26



# Inverse Universe

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



CE5474



FF4A79



B2CE54



665C5E



A6002B

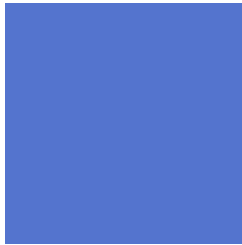


26000A



# Previews

## White Background



This preview shows how the Hex color 5474CE looks on a white background.

## Color Contrast Check

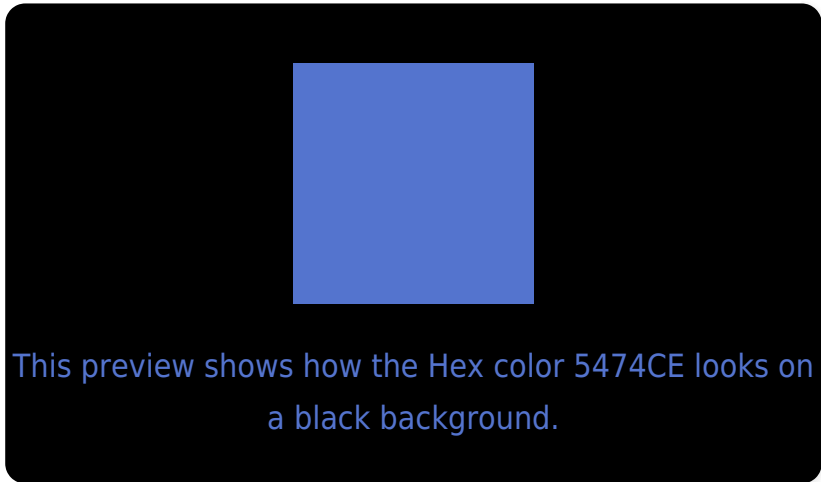
Large Text (above 18pt) WCAG AA ✓ Pass

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

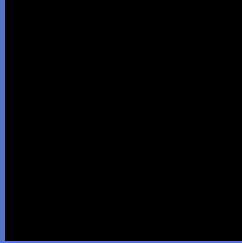
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5474CE Background



This preview shows how black text looks on a background with the Hex color 5474CE.

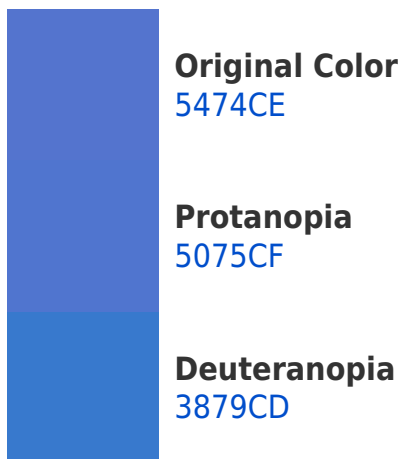



This preview shows how white text looks on a background with the Hex color 5474CE.

# 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](#).

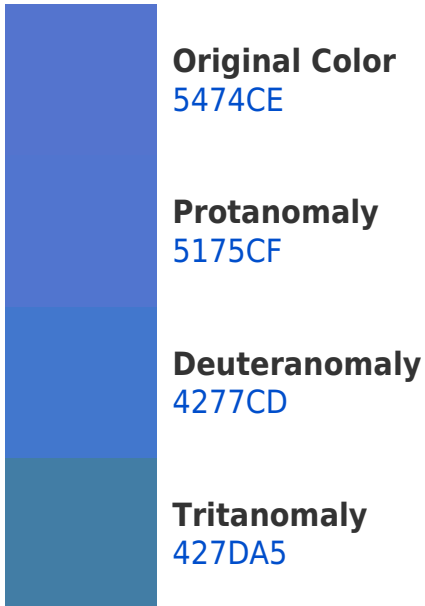
## Dichromacy



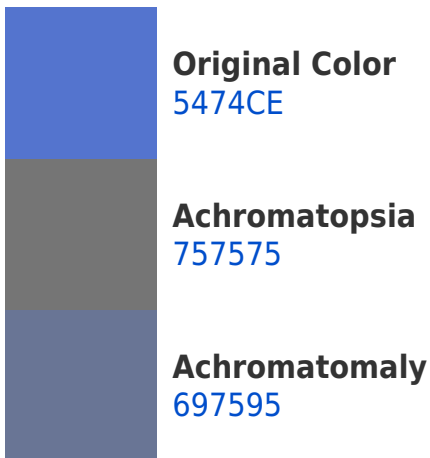


**Tritanopia**  
38828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5474CE 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 #5474CE looks like.

```
.text, #text, p{  
    color:#5474CE  
}
```

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 #5474CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5474CE
}
```

## Border

The CSS property to change the border of an element to Hex 5474CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

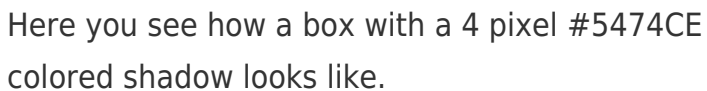
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5474CE }
```

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

```
.border{ border-color:#5474CE }
```

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



Here you see how a box with a 4 pixel #5474CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5474CE; -webkit-box-shadow:4px 4px  
4px 4px #5474CE; box-shadow:4px 4px 4px  
4px #5474CE }
```

# Background

The CSS property to change the background color of an element to Hex 5474CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5474CE }
```

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

```
.background{ background-color:#5474CE }
```

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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