

# Converting Colors

Hex(5554BA)

Have a look what the booklet for  
Hex(5554BA) contains.

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# Color

**Hex(5554BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5554BA
RGB	85, 84, 186
RGB Percent	33%, 33%, 73%
CMY	0.6667, 0.6706, 0.2706
CMYK	0.54, 0.55, 0.00, 0.27
HSL	241°, 42%, 53%
HSV	241°, 55%, 73%
XYZ	15.7796, 11.8171, 47.9036
YIQ	95.9270, -32.1460, 31.9340

# Conversions

## Conversions Part 2

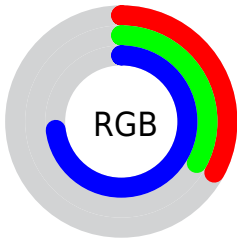
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 84, 186
Decimal	5592250
CIE Lab	40.92, 29.44, -53.97
CIE LCh	41, 61.477, 298.614
Yxy	11.8171, 0.2090, 0.1565
Android (android.graphics.Color)	4283782330 (0xFF5554BA)
YUV	95.9270, 44.4060, -9.5830
Hunter-Lab	34.3760, 21.7785, -58.5585

# Details

The Hex color **5554BA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9BA54**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8E86F3**, and **102784** is the 20% darker color. If you saturate the color by 10%, you get **4341BA**, and if you desaturate by 10%, it is **6767BA**.

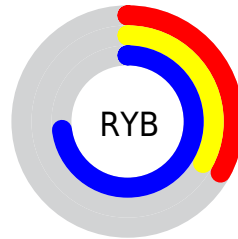
# Distribution



Red (33%)

Green (33%)

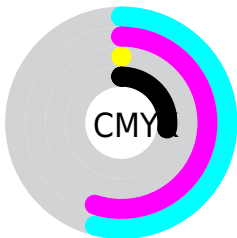
Blue (73%)



Red (33%)

Yellow (33%)

Blue (73%)

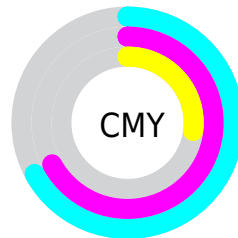


Cyan (54%)

Magenta (55%)

Yellow (0%)

Black (27%)



Cyan (67%)

Magenta (67%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5554BA 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 5554BA by changing the saturation by 10% instead.



■ 5554BA

■ 5554BA

FFFFFF

■ 373D9F

■ 8E86F3

■ 102784

■ ABA0FF

■ 00136A

■ C7BBFF

■ 000051

■ E5D7FF

■ 000539

■ FFF3FF

■ 000223

■ 000009

■ 000000

■ 5554BA

■ 5554BA

■ 4341BA

■ 6767BA

■ 302FBA

■ 7A79BA

■ 1E1CBA

■ 8C8CBA

■ 0B0ABA

■ 9F9EBA

■ 0200BA

■ B1B1BA

■ C4C4BA

■ D6D6BA

■ E8E9BA

■ FBFBBBA

# Harmonies

## Analogous

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



0068C6



5554BA



993896

# Triad

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



5554BA



9D4800



00765D

# Complementary

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



5554BA



B9BA54

# 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.



007327



5554BA



775E00

# Square

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



5554BA



B42D34



466B00



007690

# Rectangle

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



5554BA



AF2576



466B00



00754B



# Sweetspot

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



5554BA



CCCBF2



54BABA



63637A



FAFAFA



7A7A7A



# Same Dimension

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



5554BA



5452F2



8754BA



53535C



02009C



00001C



# Inverse Universe

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



BA54B9



F252F1



87BA54



5C535C



9C009A

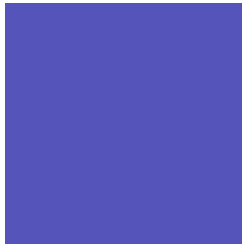


1C001C



# Previews

## White Background



This preview shows how the Hex color 5554BA 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

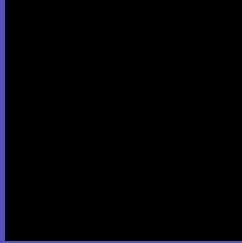
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5554BA Background



This preview shows how black text looks on a background with the Hex color 5554BA.

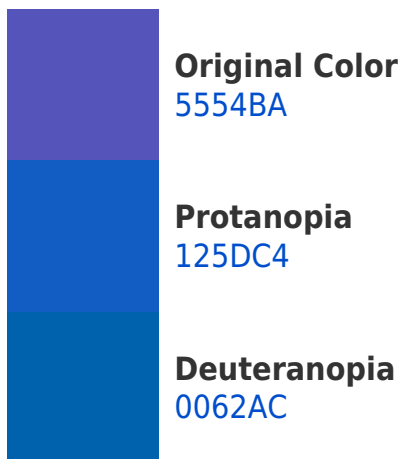



This preview shows how white text looks on a background with the Hex color 5554BA.

# 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](#).

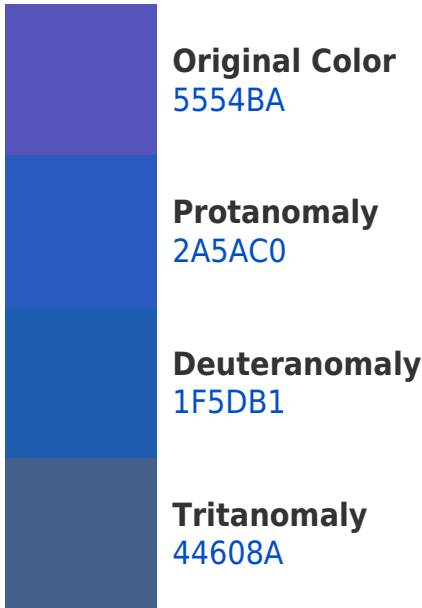
## Dichromacy



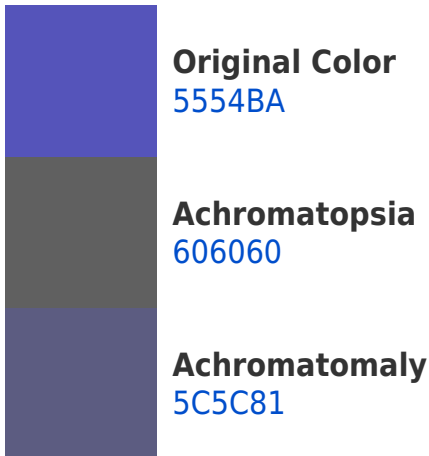


**Tritanopia**  
3B676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5554BA 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 #5554BA looks like.

```
.text, #text, p{  
    color:#5554BA  
}
```

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 #5554BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5554BA
}
```

## Border

The CSS property to change the border of an element to Hex 5554BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

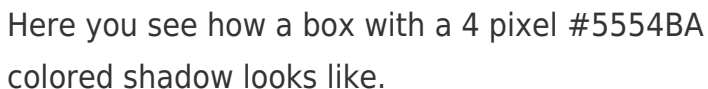
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5554BA }
```

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

```
.border{ border-color:#5554BA }
```

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



Here you see how a box with a 4 pixel #5554BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5554BA; -webkit-box-shadow:4px 4px  
4px 4px #5554BA; box-shadow:4px 4px 4px  
4px #5554BA }
```

# Background

The CSS property to change the background color of an element to Hex 5554BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5554BA }
```

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

```
.background{ background-color:#5554BA }
```

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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