

# Converting Colors

Hex(5355CB)

Have a look what the booklet for  
Hex(5355CB) contains.

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# Color

Hex(5355CB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5355CB
RGB	83, 85, 203
RGB Percent	33%, 33%, 80%
CMY	0.6745, 0.6667, 0.2039
CMYK	0.59, 0.58, 0.00, 0.20
HSL	239°, 54%, 56%
HSV	239°, 59%, 80%
XYZ	17.5953, 12.6478, 58.0138
YIQ	97.8540, -39.0700, 36.2740

# Conversions

## Conversions Part 2

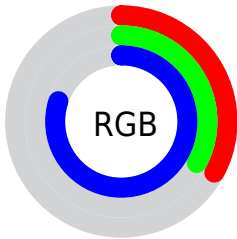
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 85, 203
Decimal	5461451
CIE <sub>Lab</sub>	42.23, 33.98, -61.75
CIE <sub>LCh</sub>	42, 70.480, 298.826
Yxy	12.6478, 0.1994, 0.1433
Android (android.graphics.Color)	4283651531 (0xFF5355CB)
YUV	97.8540, 51.8370, -13.0270
Hunter-Lab	35.5637, 26.0769, -71.8230

# Details

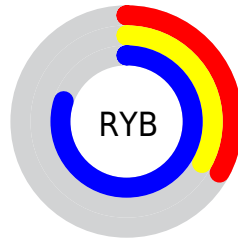
The Hex color **5355CB** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CBC953**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8F87FF**, and **002894** is the 20% darker color. If you saturate the color by 10%, you get **3F41CB**, and if you desaturate by 10%, it is **6769CB**.

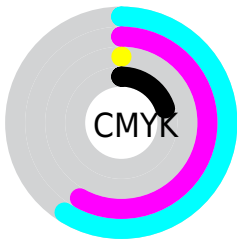
# Distribution



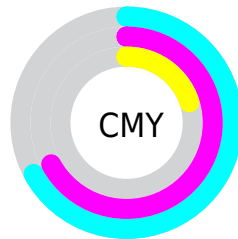
- Red (33%)
- Green (33%)
- Blue (80%)



- Red (33%)
- Yellow (33%)
- Blue (80%)



- Cyan (59%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (67%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5355CB 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 5355CB by changing the saturation by 10% instead.



■ 5355CB

■ 5355CB

FFFFFF

■ 323EAF

■ 8F87FF

■ 002894

■ ACA1FF

■ 001479

■ C9BCFF

■ 000060

■ E7D8FF

■ 000847

■ FFF4FF

■ 000430

■ 00011A

■ 000000

■ 5355CB

■ 5355CB

■ 3F41CB

■ 6769CB

■ 2A2DCB

■ 7C7DCB

■ 1619CB

■ 9091CB

■ 0205CB

■ A4A5CB

■ 0003CB

■ B9B9CB

■ CDCDCB

■ E1E1CB

■ F5F5CB

■ FFFF CB

# Harmonies

## Analogous

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



006CDA



5355CB



A530A1

# Triad

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



5355CB



A74700



007B60

# Complementary

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



5355CB



CBC953

# 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.



007820



5355CB



7C6100

# Square

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



5355CB



C21F30



417000



007C9B

# Rectangle

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



5355CB



BE0D7C



417000



007B4B



# Sweetspot

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



5355CB



D1D2FF



53CBC9



636480



000000



808080



# Same Dimension

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



5355CB



4A4DFF



8D53CB



5C5C66



0003A6



000126



# Inverse Universe

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



CB5355



FF4A4D



91CB53



665C5C



A60003

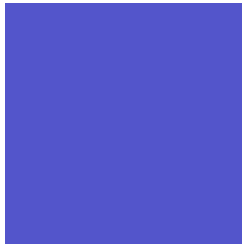


260001



# Previews

## White Background



This preview shows how the Hex color 5355CB looks on a white background.

## Color Contrast Check

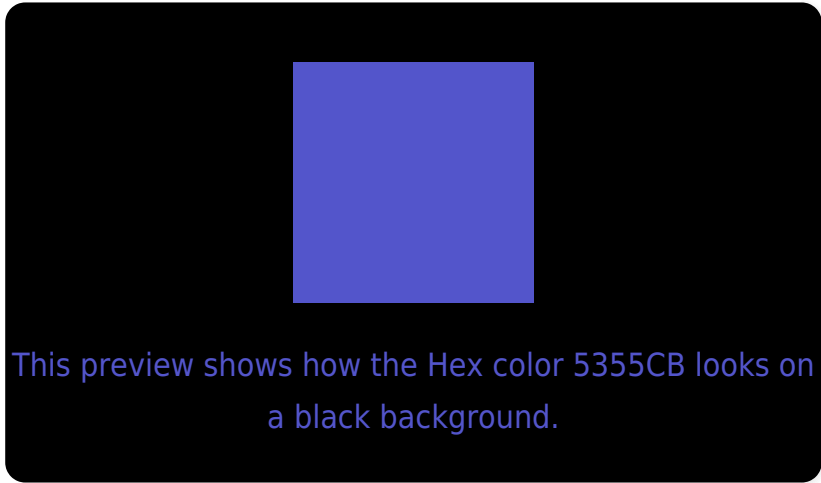
Large Text (above 18pt) WCAG AA ✓ Pass

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

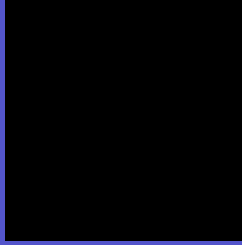
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5355CB Background



This preview shows how black text looks on a background with the Hex color 5355CB.



This preview shows how white text looks on a background with the Hex color 5355CB.

# 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](#).

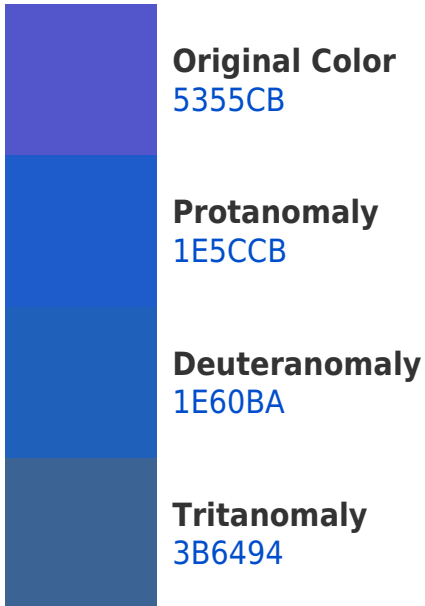
## Dichromacy



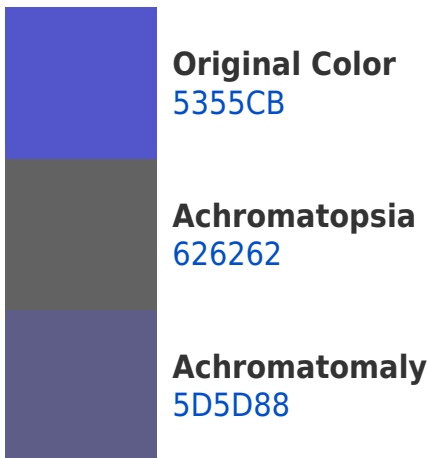


**Tritanopia**  
2D6C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5355CB 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 #5355CB looks like.

```
.text, #text, p{  
    color:#5355CB  
}
```

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 #5355CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5355CB
}
```

## Border

The CSS property to change the border of an element to Hex 5355CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

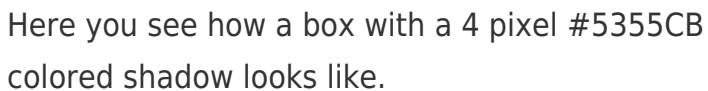
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5355CB }
```

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

```
.border{ border-color:#5355CB }
```

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



Here you see how a box with a 4 pixel #5355CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5355CB; -webkit-box-shadow:4px 4px  
4px 4px #5355CB; box-shadow:4px 4px 4px  
4px #5355CB }
```

# Background

The CSS property to change the background color of an element to Hex 5355CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5355CB }
```

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

```
.background{ background-color:#5355CB }
```

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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