

# Converting Colors

Hex(5551BB)

Have a look what the booklet for  
Hex(5551BB) contains.

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# Color

**Hex(5551BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5551BB
RGB	85, 81, 187
RGB Percent	33%, 32%, 73%
CMY	0.6667, 0.6824, 0.2667
CMYK	0.55, 0.57, 0.00, 0.27
HSL	242°, 44%, 53%
HSV	242°, 57%, 73%
XYZ	15.6584, 11.4040, 48.3896
YIQ	94.2800, -31.6420, 33.8140

# Conversions

## Conversions Part 2

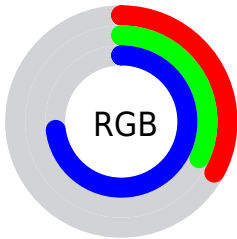
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 81, 187
Decimal	5591483
CIE <sub>Lab</sub>	40.25, 31.63, -55.64
CIE <sub>LCh</sub>	40, 64.000, 299.618
Yxy	11.4040, 0.2075, 0.1511
Android (android.graphics.Color)	4283781563 (0xFF5551BB)
YUV	94.2800, 45.7110, -8.1386
Hunter-Lab	33.7698, 23.6696, -61.3192

# Details

The Hex color **5551BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7BB51**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8E83F4**, and **0F2485** is the 20% darker color. If you saturate the color by 10%, you get **433EBB**, and if you desaturate by 10%, it is **6764BB**.

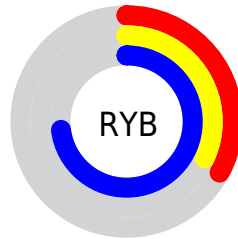
# Distribution



Red (33%)

Green (32%)

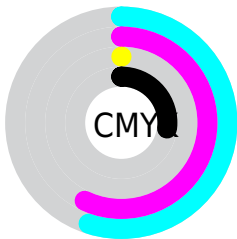
Blue (73%)



Red (33%)

Yellow (32%)

Blue (73%)

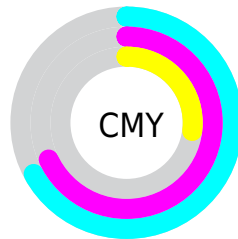


Cyan (55%)

Magenta (57%)

Yellow (0%)

Black (27%)



Cyan (67%)

Magenta (68%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5551BB 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 5551BB by changing the saturation by 10% instead.



■ 5551BB

■ 5551BB

FFFFFF

■ 373AA0

■ 8E83F4

■ 0F2485

■ AB9DFF

■ 00106B

■ C8B8FF

■ 000052

■ E5D3FF

■ 00053A

■ FFF0FF

■ 000223

■ 00000B

■ 000000

■ 5551BB

■ 5551BB

433EBB

6764BB

312CBB

7976BB

1F19BB

8B89BB

0D06BB

9D9CBB

0700BB

AFAEBB

C1C1BB

D3D4BB

E5E7BB

F7F9BB

# Harmonies

## Analogous

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



0066C9



5551BB



9B3295

# Triad

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



5551BB



9C4600



00755D

# Complementary

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



551BBB



B7BB51

# 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.



007225



5551BB



745D00

# Square

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



5551BB



B4272F



406A00



007592

# Rectangle

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



5551BB



B11B73



406A00



00744A



# Sweetspot

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



5551BB



CBC9F2



51B7BB



63627A



FAFAFA



7A7A7A



# Same Dimension

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



5551BB



544EF2



8A51BB



55555E



06009E



01001F



# Inverse Universe

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



BB51B7



F24EEC



82BB51



5E555E



9E0098

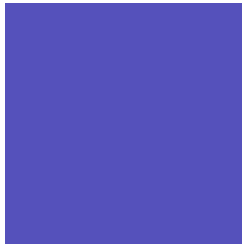


1F001D



# Previews

## White Background



This preview shows how the Hex color 5551BB 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

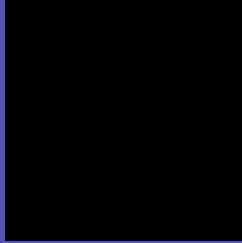
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5551BB Background



This preview shows how black text looks on a background with the Hex color 5551BB.

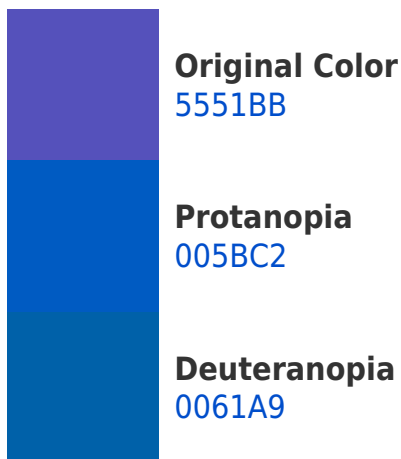



This preview shows how white text looks on a background with the Hex color 5551BB.

# 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](#).

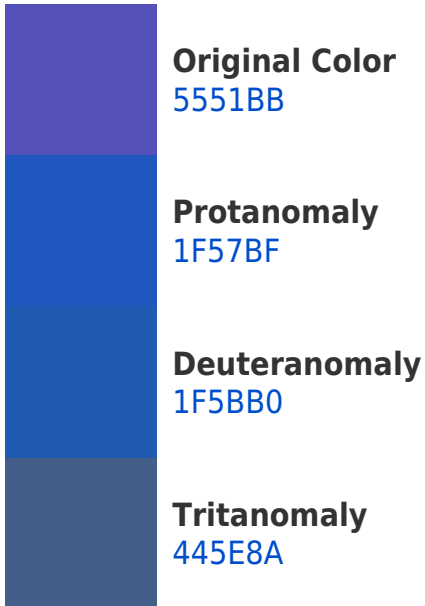
## Dichromacy



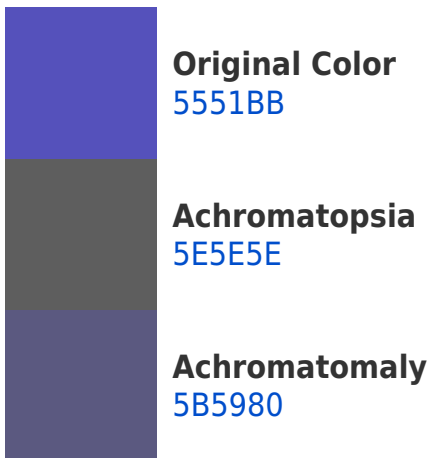


**Tritanopia**  
3A656E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5551BB 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 #5551BB looks like.

```
.text, #text, p{  
    color:#5551BB  
}
```

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 #5551BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5551BB
}
```

## Border

The CSS property to change the border of an element to Hex 5551BB 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
#5551BB }
```

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

```
.border{ border-color:#5551BB }
```

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

Here you see how a box with a 4 pixel #5551BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5551BB; -webkit-box-shadow:4px 4px  
4px 4px #5551BB; box-shadow:4px 4px 4px  
4px #5551BB }
```

# Background

The CSS property to change the background color of an element to Hex 5551BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5551BB }
```

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

```
.background{ background-color:#5551BB }
```

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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