

# Converting Colors

Hex(5481BA)

Have a look what the booklet for  
Hex(5481BA) contains.

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# Color

**Hex(5481BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5481BA
RGB	84, 129, 186
RGB Percent	33%, 51%, 73%
CMY	0.6706, 0.4941, 0.2706
CMYK	0.55, 0.31, 0.00, 0.27
HSL	214°, 42%, 53%
HSV	214°, 55%, 73%
XYZ	20.3693, 21.1305, 49.4594
YIQ	122.0430, -45.1170, 8.1870

# Conversions

## Conversions Part 2

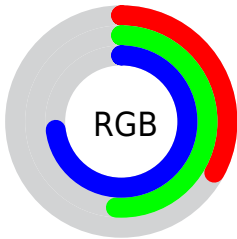
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 115, 186
Decimal	5538234
CIE Lab	53.09, 1.40, -34.62
CIE LCh	53, 34.646, 272.323
Yxy	21.1305, 0.2239, 0.2323
Android (android.graphics.Color)	4283728314 (0xFF5481BA)
YUV	122.0430, 31.5308, -33.3637
Hunter-Lab	45.9679, -1.3468, -31.6158

# Details

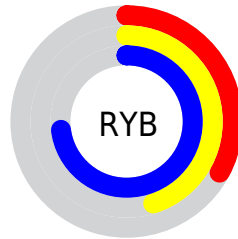
The Hex color **5481BA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA8D54**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8CB6F2**, and **135085** is the 20% darker color. If you saturate the color by 10%, you get **4177BA**, and if you desaturate by 10%, it is **678BBA**.

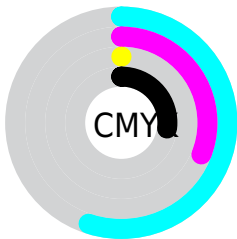
# Distribution



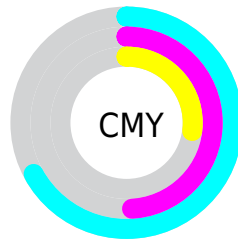
- Red (33%)
- Green (51%)
- Blue (73%)



- Red (33%)
- Yellow (45%)
- Blue (73%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5481BA 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 5481BA by changing the saturation by 10% instead.



■ 5481BA

■ 5481BA

FFFFFF

■ 37689F

■ 8CB6F2

■ 135085

■ A8D1FF

■ 003A6B

■ C5EDFF

■ 002452

■ E2FFFF

■ 000F3B

■ 000225

■ 00010D

■ 000000

■ 5481BA

■ 5481BA

4177BA

678BBA

2F6CBA

7996BA

1C62BA

8CA0BA

0A57BA

9EABBA

0052BA

B1B5BA

C4BFBA

D6CABA

E9D4BA

FBD FBA

# Harmonies

## Analogous

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



0089B3



5481BA



8576B1

# Triad

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



5481BA



B66A60



4B8C62

# Complementary

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



5481BA



BA8D54

# 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.



70864B



5481BA



A8734B

# Square

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



5481BA



B6677E



8F7E42



118E80

# Rectangle

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



5481BA



9D6FA4



8F7E42



588A59



# Sweetspot

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



5481BA



CBDDF2



54BA8C



636D7A



FAFAFA



7A7A7A



# Same Dimension

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



5481BA



5299F2



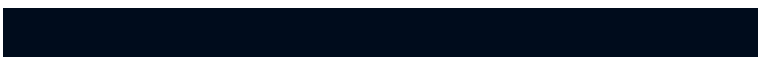
5954BA



53575C



00459C



000C1C



# Inverse Universe

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



BA5481



F25299



B5BA54



5C5357



9C0045

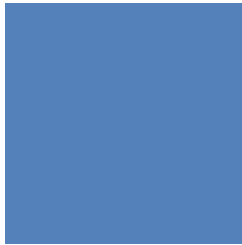


1C000C



# Previews

## White Background



This preview shows how the Hex color 5481BA looks on a white background.

## Color Contrast Check

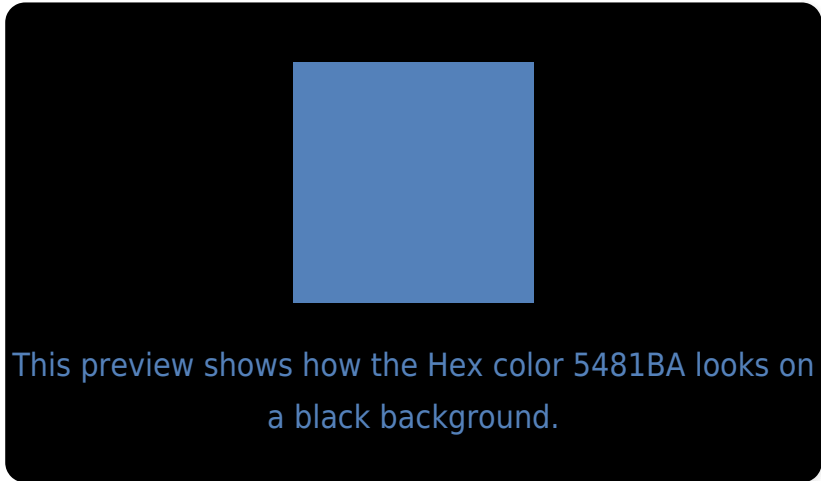
Large Text (above 18pt) WCAG AA ✓ Pass

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 5481BA Background



This preview shows how black text looks on a background with the Hex color 5481BA.

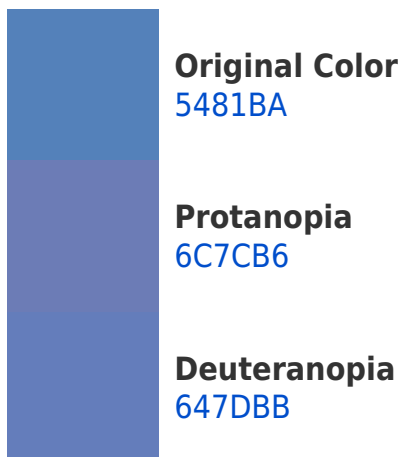


This preview shows how white text looks on a background with the Hex color 5481BA.

# 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](#).

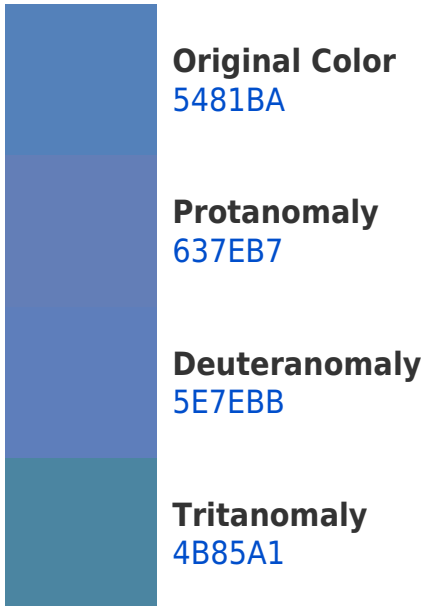
## Dichromacy



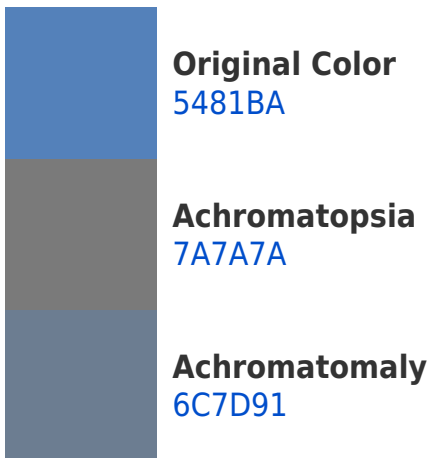


**Tritanopia**  
468893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5481BA 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 #5481BA looks like.

```
.text, #text, p{  
    color:#5481BA  
}
```

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 #5481BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5481BA
}
```

## Border

The CSS property to change the border of an element to Hex 5481BA 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
#5481BA }
```

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

```
.border{ border-color:#5481BA }
```

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

Here you see how a box with a 4 pixel #5481BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5481BA; -webkit-box-shadow:4px 4px  
4px 4px #5481BA; box-shadow:4px 4px 4px  
4px #5481BA }
```

# Background

The CSS property to change the background color of an element to Hex 5481BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5481BA }
```

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

```
.background{ background-color:#5481BA }
```

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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