

# Converting Colors

Hex(547BC3)

Have a look what the booklet for  
Hex(547BC3) contains.

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# Color

Hex(547BC3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547BC3
RGB	84, 123, 195
RGB Percent	33%, 48%, 76%
CMY	0.6706, 0.5176, 0.2353
CMYK	0.57, 0.37, 0.00, 0.24
HSL	219°, 48%, 55%
HSV	219°, 57%, 76%
XYZ	20.5894, 19.9909, 54.4032
YIQ	119.5470, -46.3560, 14.1240

# Conversions

## Conversions Part 2

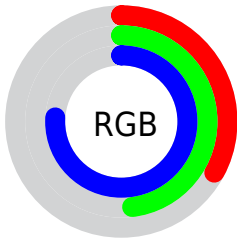
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 113, 195
Decimal	5536707
CIE Lab	51.83, 7.93, -41.76
CIE LCh	52, 42.506, 280.754
Yxy	19.9909, 0.2168, 0.2105
Android (android.graphics.Color)	4283726787 (0xFF547BC3)
YUV	119.5470, 37.1983, -31.1747
Hunter-Lab	44.7111, 3.9546, -40.8445

# Details

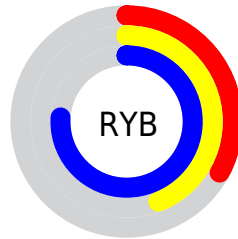
The Hex color **547BC3** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C39C54**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8DAFFC**, and **0D4B8D** is the 20% darker color. If you saturate the color by 10%, you get **416EC3**, and if you desaturate by 10%, it is **6888C3**.

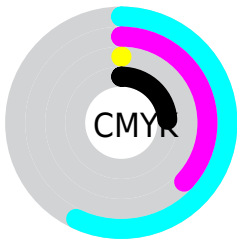
# Distribution



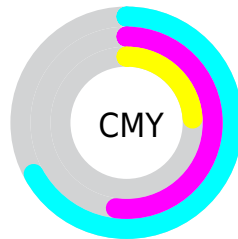
- Red (33%)
- Green (48%)
- Blue (76%)



- Red (33%)
- Yellow (44%)
- Blue (76%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (52%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547BC3 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 547BC3 by changing the saturation by 10% instead.



■ 547BC3

■ 547BC3

FFFFFF

■ 3662A8

■ 8DAFFC

■ 0D4B8D

■ A9CAFF

■ 003573

■ C6E6FF

■ 00205A

■ E4FFFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 547BC3

■ 547BC3

■ 416EC3

■ 6888C3

■ 2D62C3

■ 7B94C3

■ 1955C3

■ 8FA1C3

■ 0648C3

■ A2AEC3

■ 0045C3

■ B6BAC3

■ C9C7C3

■ DCD4C3

■ F0E0C3

■ FFEDC3

# Harmonies

## Analogous

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



0086C0



547BC3



8F6DB3

# Triad

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



547BC3



B9644E



208C62

# Complementary

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



547BC3



C39C54

# 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.



5C8742



547BC3



A47136

# Square

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



547BC3



BF5C70



847E30



008E88

# Rectangle

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



547BC3



A964A0



847E30



3A8B57



# Sweetspot

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



547BC3



D2E1FC



54C39A



666F80



000000



808080



# Same Dimension

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



547BC3



518DFC



6354C3



575B61



0038A1



000C21



# Inverse Universe

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



C3547B



FC518D



B4C354



61575B



A10038



21000C



# Previews

## White Background



This preview shows how the Hex color 547BC3 looks on a white background.

## Color Contrast Check

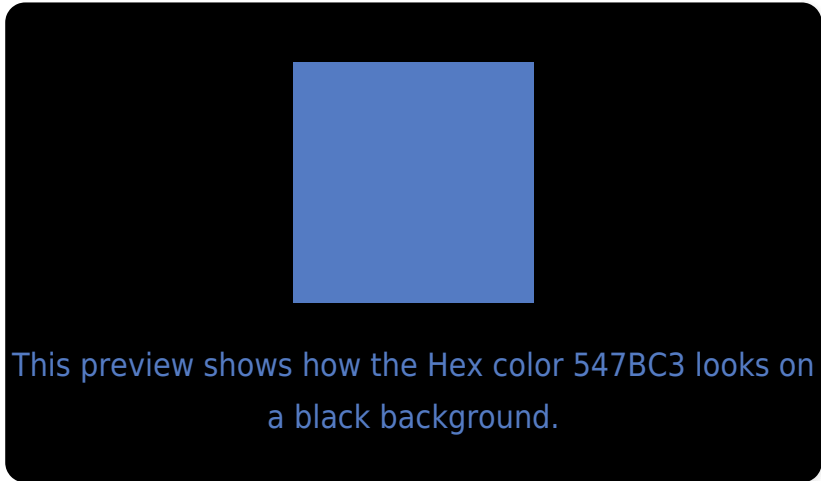
Large Text (above 18pt) WCAG AA ✓ Pass

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 547BC3 Background



This preview shows how black text looks on a background with the Hex color 547BC3.



This preview shows how white text looks on a background with the Hex color 547BC3.

# 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



**Original Color**  
547BC3

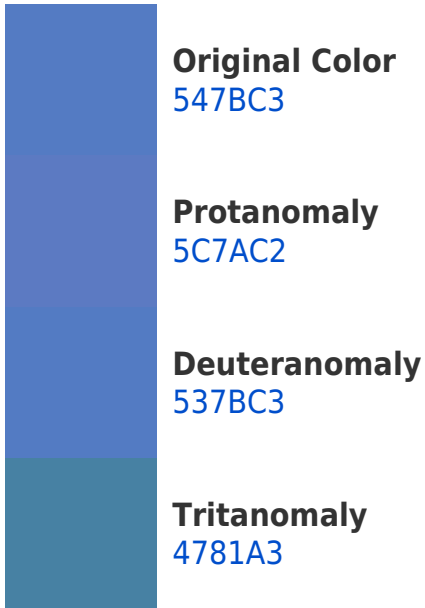
**Protanopia**  
6079C1

**Deuteranopia**  
537BC3



**Tritanopia**  
408590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547BC3 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 #547BC3 looks like.

```
.text, #text, p{  
    color:#547BC3  
}
```

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 #547BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547BC3
}
```

## Border

The CSS property to change the border of an element to Hex 547BC3 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
#547BC3 }
```

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

```
.border{ border-color:#547BC3 }
```

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

Here you see how a box with a 4 pixel #547BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547BC3; -webkit-box-shadow:4px 4px  
4px 4px #547BC3; box-shadow:4px 4px 4px  
4px #547BC3 }
```

# Background

The CSS property to change the background color of an element to Hex 547BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547BC3 }
```

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

```
.background{ background-color:#547BC3 }
```

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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