

# Converting Colors

Hex(507CB5)

Have a look what the booklet for  
Hex(507CB5) contains.

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# Color

**Hex(507CB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	507CB5
RGB	80, 124, 181
RGB Percent	31%, 49%, 71%
CMY	0.6863, 0.5137, 0.2902
CMYK	0.56, 0.31, 0.00, 0.29
HSL	214°, 41%, 51%
HSV	214°, 56%, 71%
XYZ	18.8564, 19.4570, 46.4778
YIQ	117.3420, -44.5210, 8.3990

# Conversions

## Conversions Part 2

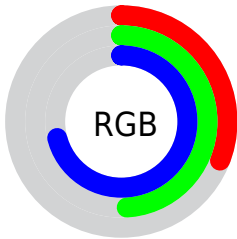
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 111, 181
Decimal	5274805
CIE <sub>Lab</sub>	51.22, 1.88, -34.70
CIE <sub>LCh</sub>	51, 34.747, 273.108
Yxy	19.4570, 0.2224, 0.2295
Android (android.graphics.Color)	4283464885 (0xFF507CB5)
YUV	117.3420, 31.3834, -32.7489
Hunter-Lab	44.1101, -0.8865, -31.5955

# Details

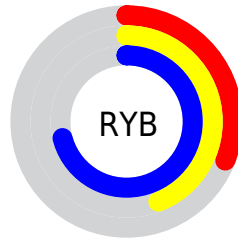
The Hex color **507CB5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B58950**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **88B0ED**, and **0C4C80** is the 20% darker color. If you saturate the color by 10%, you get **3E72B5**, and if you desaturate by 10%, it is **6286B5**.

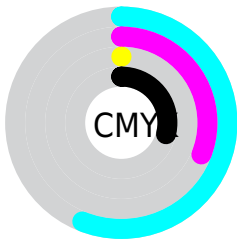
# Distribution



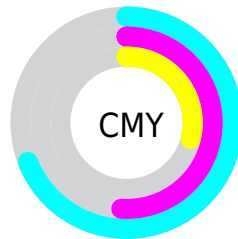
- Red (31%)
- Green (49%)
- Blue (71%)



- Red (31%)
- Yellow (44%)
- Blue (71%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (51%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507CB5 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 507CB5 by changing the saturation by 10% instead.



■ 507CB5

■ 507CB5

FFFFFF

■ 33639A

■ 88B0ED

■ 0C4C80

■ A4CCFF

■ 003566

■ C0E8FF

■ 00214E

■ DDFFFF

■ 000837

■ FBFFFF

■ 000221

■ 000006

■ 000000

■ 507CB5

■ 507CB5

■ 3E72B5

■ 6286B5

■ 2C68B5

■ 7490B5

■ 1A5DB5

■ 869BB5

■ 0853B5

■ 98A5B5

■ 004FB5

■ ABAFB5

■ BDB9B5

■ CFC4B5

■ E1CEB5

■ F3D8B5

# Harmonies

## Analogous

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



0084AE



507CB5



8171AC

# Triad

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



507CB5



B1655B



45875E

# Complementary

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



507CB5



B58950

# 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.



6B8247



507CB5



A26F46

# Square

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



507CB5



B16278



8A793E



00897C

# Rectangle

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



507CB5



986A9E



8A793E



538655



# Sweetspot

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



507CB5



C3D4EB



50B588



5E6875



F5F5F5



757575



# Same Dimension

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



507CB5



4D92EB



5550B5



505459



004399



000B1A



# Inverse Universe

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



B5507C



EB4D92



B0B550



595054



990043

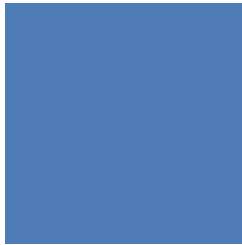


1A000B



# Previews

## White Background



This preview shows how the Hex color 507CB5 looks on a white background.

## Color Contrast Check

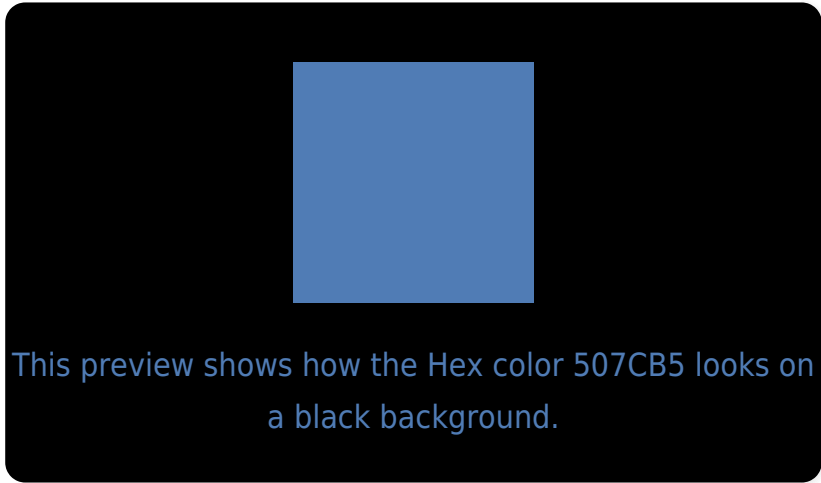
Large Text (above 18pt) WCAG AA ✓ Pass

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 507CB5 Background



This preview shows how black text looks on a background with the Hex color 507CB5.

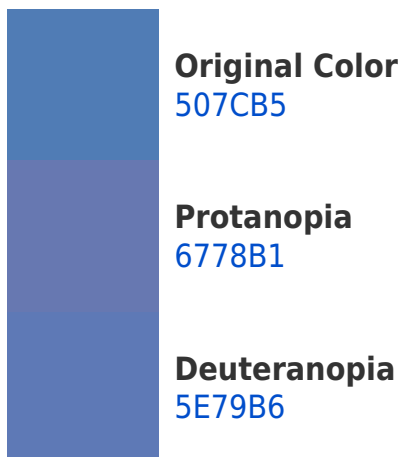


This preview shows how white text looks on a background with the Hex color 507CB5.

# 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](#).

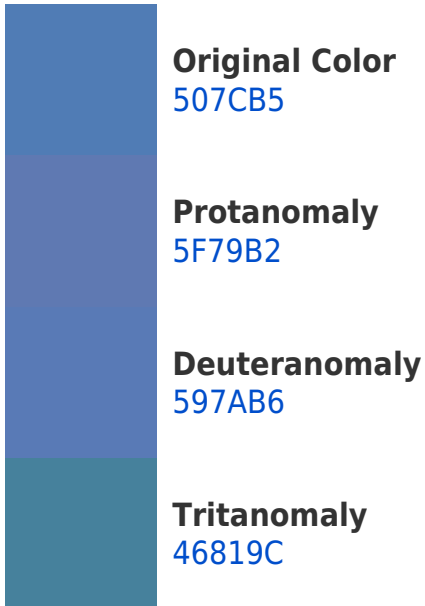
## Dichromacy



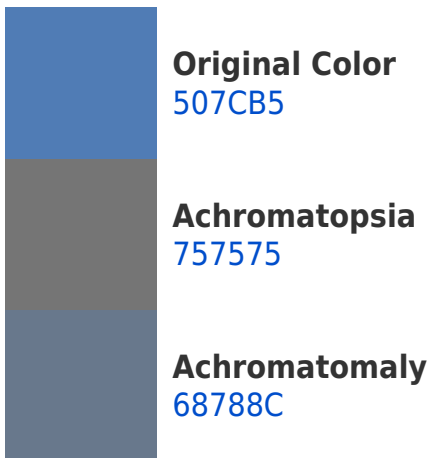


**Tritanopia**  
41848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507CB5 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 #507CB5 looks like.

```
.text, #text, p{  
    color:#507CB5  
}
```

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 #507CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507CB5
}
```

## Border

The CSS property to change the border of an element to Hex 507CB5 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
#507CB5 }
```

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

```
.border{ border-color:#507CB5 }
```

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

Here you see how a box with a 4 pixel #507CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507CB5; -webkit-box-shadow:4px 4px  
4px 4px #507CB5; box-shadow:4px 4px 4px  
4px #507CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 507CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507CB5 }
```

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

```
.background{ background-color:#507CB5 }
```

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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