

# Converting Colors

Hex(507E9E)

Have a look what the booklet for  
Hex(507E9E) contains.

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# Color

**Hex(507E9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	507E9E
RGB	80, 126, 158
RGB Percent	31%, 49%, 62%
CMY	0.6863, 0.5059, 0.3804
CMYK	0.49, 0.20, 0.00, 0.38
HSL	205°, 33%, 47%
HSV	205°, 49%, 62%
XYZ	16.9407, 19.0958, 35.1407
YIQ	115.8940, -37.6880, 0.2000

# Conversions

## Conversions Part 2

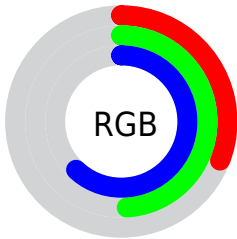
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 109, 158
Decimal	5275294
CIE <sub>Lab</sub>	50.80, -6.54, -22.02
CIE <sub>LCh</sub>	51, 22.968, 253.450
Yxy	19.0958, 0.2380, 0.2683
Android (android.graphics.Color)	4283465374 (0xFF507E9E)
YUV	115.8940, 20.7583, -31.4790
Hunter-Lab	43.6987, -7.2738, -17.0895

# Details

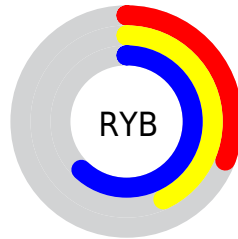
The Hex color **507E9E** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9E7050**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **86B3D5**, and **174D6B** is the 20% darker color. If you saturate the color by 10%, you get **40789E**, and if you desaturate by 10%, it is **60849E**.

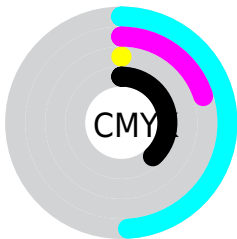
# Distribution



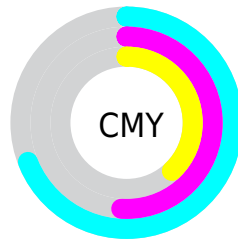
- Red (31%)
- Green (49%)
- Blue (62%)



- Red (31%)
- Yellow (43%)
- Blue (62%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (51%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507E9E 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 507E9E by changing the saturation by 10% instead.



■ 507E9E

■ 507E9E

FFFFFF

■ 356584

■ 86B3D5

■ 174D6B

■ A1CEF1

■ 003652

■ BDEAFF

■ 00213B

■ D9FFFF

■ 000825

■ F7FFFF

■ 00010E

■ 000000

■ 507E9E

■ 507E9E

■ 40789E

■ 60849E

■ 30719E

■ 708B9E

■ 216B9E

■ 7F919E

■ 11649E

■ 8F989E

■ 015E9E

■ 9F9E9E

■ 005D9E

■ AFA59E

■ BFAB9E

■ CEB29E

■ DEB89E

# Harmonies

## Analogous

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



3C8293



507E9E



6D789F

# Triad

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



507E9E



A06B71



68805C

# Complementary

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



507E9E



9E7050

# 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.



7E7B53



507E9E



9D6E5F

# Square

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



507E9E



996C85



907454



51836D

# Rectangle

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



507E9E



7F739A



907454



6F7E58



# Sweetspot

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



507E9E



B0C2CF



509E6F



566169



E8E8E8



696969



# Same Dimension

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



507E9E



559DCF



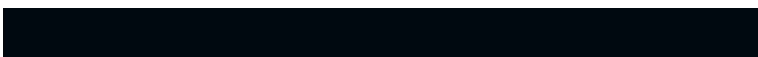
50589E



474C4F



00548F



00090F



# Inverse Universe

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



9E507E



CF559D



9E9650



4F474C



8F0054



0F0009



# Previews

## White Background



This preview shows how the Hex color 507E9E looks on a white background.

## Color Contrast Check

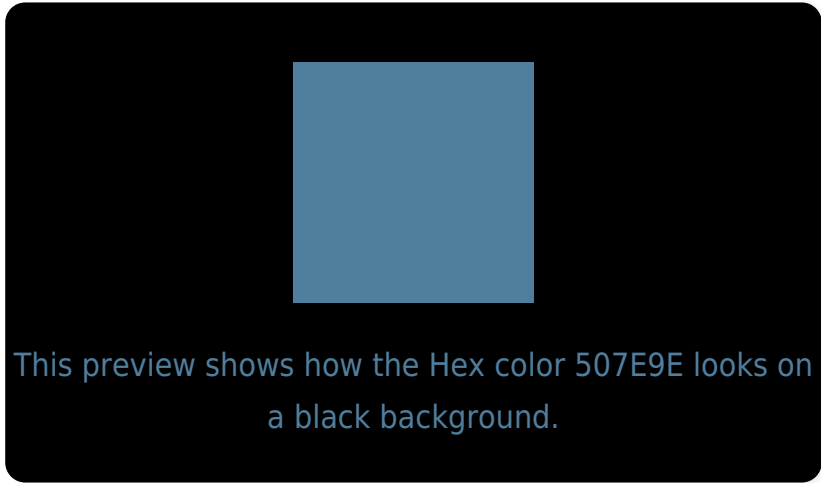
Large Text (above 18pt) WCAG AA ✓ Pass

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

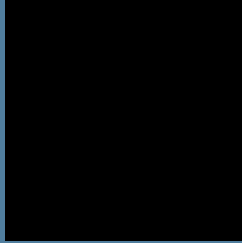
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

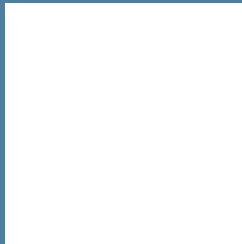
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 507E9E Background



This preview shows how black text looks on a background with the Hex color 507E9E.




This preview shows how white text looks on a background with the Hex color 507E9E.

# 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](#).

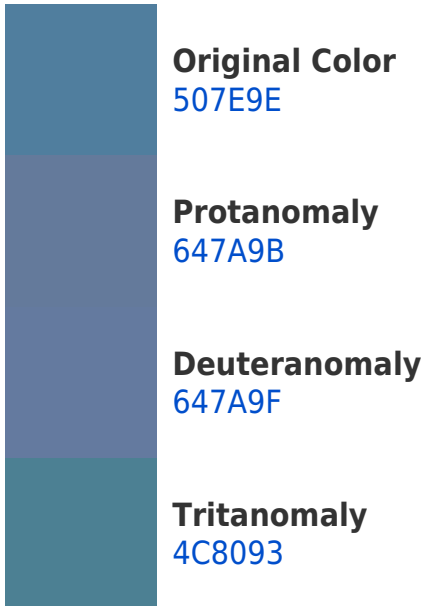
## Dichromacy





**Tritanopia**  
4A818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507E9E 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 #507E9E looks like.

```
.text, #text, p{  
    color:#507E9E  
}
```

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 #507E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507E9E
}
```

## Border

The CSS property to change the border of an element to Hex 507E9E 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
#507E9E }
```

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

```
.border{ border-color:#507E9E }
```

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

Here you see how a box with a 4 pixel #507E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507E9E; -webkit-box-shadow:4px 4px  
4px 4px #507E9E; box-shadow:4px 4px 4px  
4px #507E9E }
```

# Background

The CSS property to change the background color of an element to Hex 507E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507E9E }
```

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

```
.background{ background-color:#507E9E }
```

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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