

Converting Colors

Hex(607E9E)

Have a look what the booklet for
Hex(607E9E) contains.

Hex(607E9E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(607E9E)

Conversions

Conversions Part 1

Format	Color
Hex	607E9E
RGB	96, 126, 158
RGB Percent	38%, 49%, 62%
CMY	0.6235, 0.5059, 0.3804
CMYK	0.39, 0.20, 0.00, 0.38
HSL	211°, 24%, 50%
HSV	211°, 39%, 62%
XYZ	18.4563, 19.8771, 35.2117
YIQ	120.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

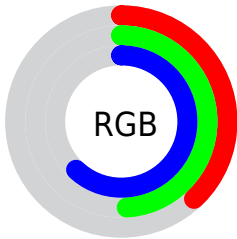
Format	Color
R_{YB}	96, 116, 158
Decimal	6323870
CIE _{Lab}	51.70, -2.26, -20.56
CIE _{LCh}	52, 20.683, 263.716
Yxy	19.8771, 0.2510, 0.2703
Android (android.graphics.Color)	4284513950 (0xFF607E9E)
YUV	120.6780, 18.3997, -21.6426
Hunter-Lab	44.5838, -4.1282, -15.6178

Details

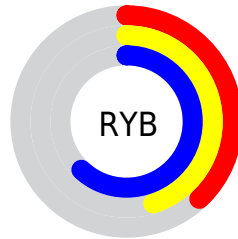
The Hex color **607E9E** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9E8060**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **95B3D5**, and **2D4D6B** is the 20% darker color. If you saturate the color by 10%, you get **50769E**, and if you desaturate by 10%, it is **70869E**.

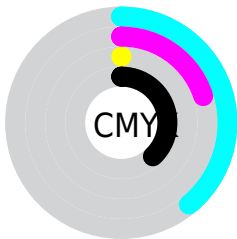
Distribution



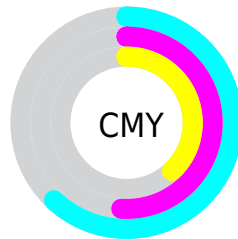
- Red (38%)
- Green (49%)
- Blue (62%)



- Red (38%)
- Yellow (45%)
- Blue (62%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607E9E 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 607E9E by changing the saturation by 10% instead.

■ 607E9E

■ 607E9E

FFFFFF

■ 476584

■ 95B3D5

■ 2D4D6B

■ B0CEF1

■ 123752

■ CCEAFF

■ 00213B

■ E9FFFF

■ 000A25

■ 00010F

■ 000000

■ 607E9E

■ 607E9E

■ 50769E

■ 70869E

■ 406E9E

■ 808E9E

■ 31669E

■ 8F969E

■ 215D9E

■ 9F9F9E

■ 11559E

■ AFA79E

■ 014D9E

■ BFAF9E

■ 004C9E

■ CFB79E

■ DEBF9E

■ EEC79E

Harmonies

Analogous

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



4C8397



607E9E



79789B

Triad

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



607E9E



9F6F6E



658366

Complementary

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



607E9E



9E8060

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.



797E5B



607E9E



99735F

Square

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



607E9E



9C6F80



8C7958



528577

Rectangle

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



607E9E



887495



8C7958



6C8161

Sweetspot

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



607E9E



B6C2CF



609E7F



5A6169



E8E8E8



696969

Same Dimension

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



607E9E



6D9CCF



60609E



474B4F



00458F



00070F

Inverse Universe

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



9E607E



CF6D9C



9E9E60



4F474B



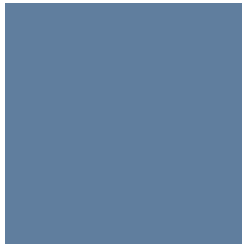
8F0045



0F0007

Previews

White Background



This preview shows how the Hex color 607E9E looks on a white background.

Color Contrast Check

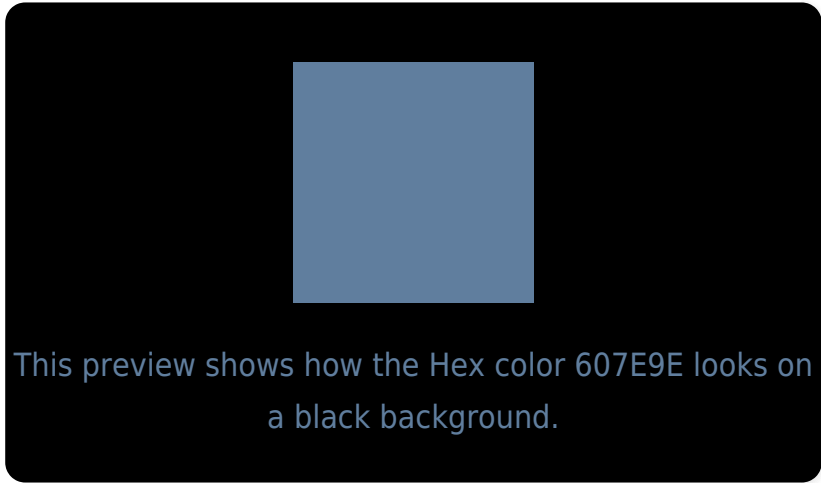
Large Text (above 18pt) WCAG AA ✓ Pass

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

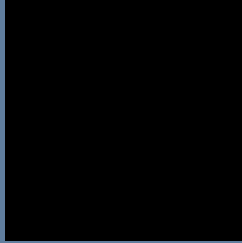
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

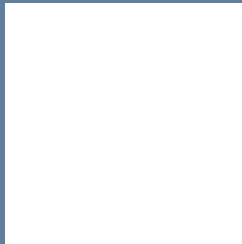
Any Text WCAG AAA × Fail

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

Hex 607E9E Background



This preview shows how black text looks on a background with the Hex color 607E9E.

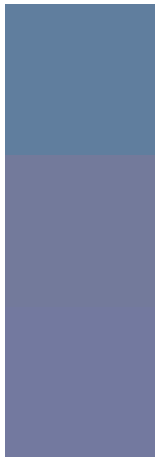


This preview shows how white text looks on a background with the Hex color 607E9E.

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
607E9E

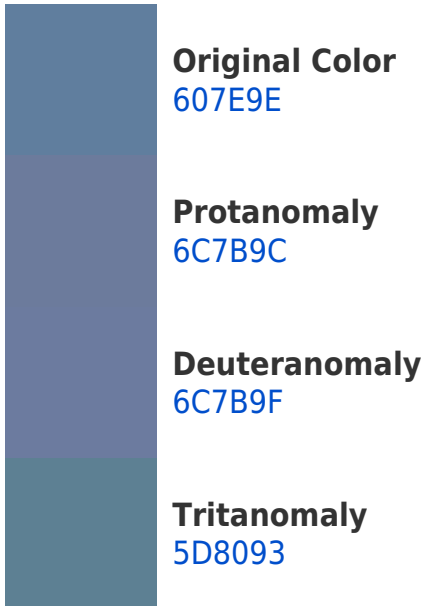
Protanopia
737A9B

Deuteranopia
73799F



Tritanopia
5B818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 607E9E 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 #607E9E looks like.

```
.text, #text, p{  
    color:#607E9E  
}
```

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 #607E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607E9E
}
```

Border

The CSS property to change the border of an element to Hex 607E9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

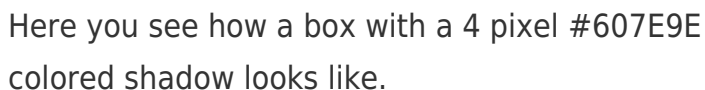
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#607E9E }
```

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

```
.border{ border-color:#607E9E }
```

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



Here you see how a box with a 4 pixel #607E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607E9E; -webkit-box-shadow:4px 4px  
4px 4px #607E9E; box-shadow:4px 4px 4px  
4px #607E9E }
```

Background

The CSS property to change the background color of an element to Hex 607E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607E9E }
```

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

```
.background{ background-color:#607E9E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor