

Converting Colors

Hex(637F9F)

Have a look what the booklet for
Hex(637F9F) contains.

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Color

Hex(637F9F)

Conversions

Conversions Part 1

Format	Color
Hex	637F9F
RGB	99, 127, 159
RGB Percent	39%, 50%, 62%
CMY	0.6118, 0.5020, 0.3765
CMYK	0.38, 0.20, 0.00, 0.38
HSL	212°, 24%, 51%
HSV	212°, 38%, 62%
XYZ	18.9930, 20.3346, 35.7248
YIQ	122.2760, -26.9600, 4.0160

Conversions

Conversions Part 2

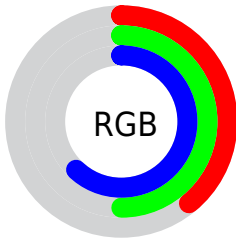
Format	Color
R_{YB}	99, 118, 159
Decimal	6520735
CIE _{Lab}	52.21, -1.71, -20.33
CIE _{LCh}	52, 20.405, 265.205
Yxy	20.3346, 0.2531, 0.2709
Android (android.graphics.Color)	4284710815 (0xFF637F9F)
YUV	122.2760, 18.1049, -20.4131
Hunter-Lab	45.0939, -3.7324, -15.4057

Details

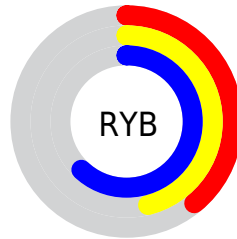
The Hex color **637F9F** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9F8363**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **98B4D6**, and **314E6B** is the 20% darker color. If you saturate the color by 10%, you get **53779F**, and if you desaturate by 10%, it is **73879F**.

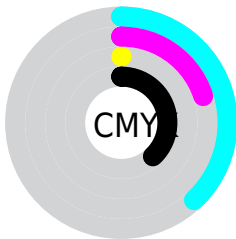
Distribution



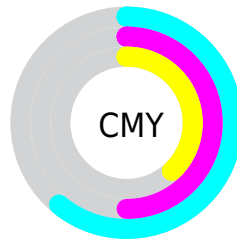
- Red (39%)
- Green (50%)
- Blue (62%)



- Red (39%)
- Yellow (46%)
- Blue (62%)



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



- Cyan (61%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637F9F 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 637F9F by changing the saturation by 10% instead.



637F9F



637F9F

FFFFFF



4A6685



98B4D6



314E6B



B3CFF2



163753



CFEBFF



00223C



ECFFFF



000C26



000110



000000



637F9F



637F9F



53779F



73879F

■ 436E9F

■ 83909F

■ 33669F

■ 93989F

■ 235D9F

■ A3A19F

■ 14559F

■ B3A99F

■ 044C9F

■ C2B29F

■ 004A9F

■ D2BA9F

■ E2C39F

■ F2CB9F

Harmonies

Analogous

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



4F8499



637F9F



7C799C

Triad

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



637F9F



A0716E



668468

Complementary

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



637F9F



9F8363

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.



7A805D



637F9F



9A7560

Square

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



637F9F



9D7080



8C7A5A



538679

Rectangle

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



637F9F



8A7595



8C7A5A



6C8363

Sweetspot

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



637F9F



B8C2CF



639F83



5B6169



E8E8E8



696969

Same Dimension

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



637F9F



729DCF



65639F



474B4F



00438F



00070F

Inverse Universe

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



9F637F



CF729D



9D9F63



4F474B



8F0043



0F0007

Previews

White Background



This preview shows how the Hex color 637F9F looks on a white background.

Color Contrast Check

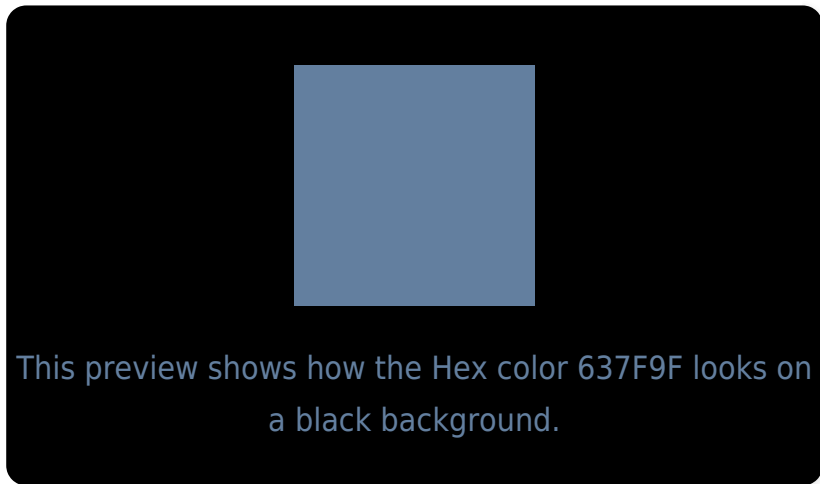
Large Text (above 18pt) WCAG AA ✓ Pass

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

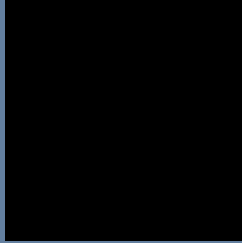
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

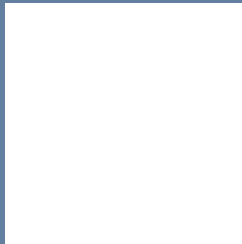
Any Text WCAG AAA × Fail

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

Hex 637F9F Background



This preview shows how black text looks on a background with the Hex color 637F9F.

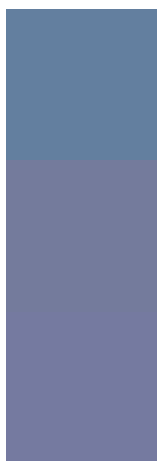


This preview shows how white text looks on a background with the Hex color 637F9F.

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
637F9F

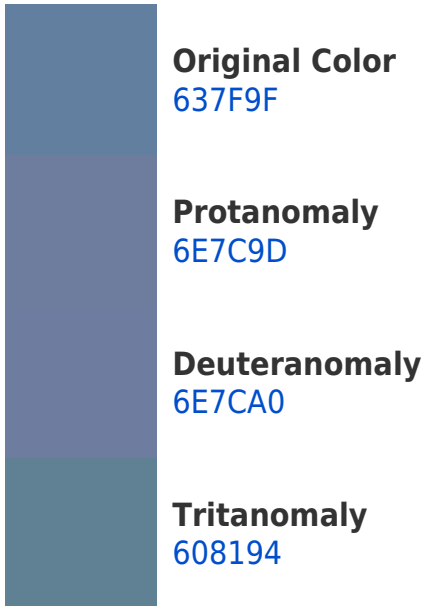
Protanopia
747B9C

Deuteranopia
757AA0

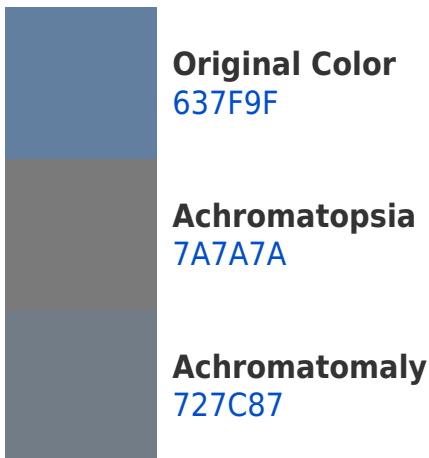


Tritanopia
5E828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 637F9F 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 #637F9F looks like.

```
.text, #text, p{  
    color:#637F9F  
}
```

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 #637F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637F9F
}
```

Border

The CSS property to change the border of an element to Hex 637F9F 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
#637F9F }
```

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

```
.border{ border-color:#637F9F }
```

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

Here you see how a box with a 4 pixel #637F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637F9F; -webkit-box-shadow:4px 4px  
4px 4px #637F9F; box-shadow:4px 4px 4px  
4px #637F9F }
```

Background

The CSS property to change the background color of an element to Hex 637F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637F9F }
```

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

```
.background{ background-color:#637F9F }
```

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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