

Converting Colors

Hex(6E7F9D)

Have a look what the booklet for
Hex(6E7F9D) contains.

Hex(6E7F9D)	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(6E7F9D)

Conversions

Conversions Part 1

Format	Color
Hex	6E7F9D
RGB	110, 127, 157
RGB Percent	43%, 50%, 62%
CMY	0.5686, 0.5020, 0.3843
CMYK	0.30, 0.19, 0.00, 0.38
HSL	218°, 19%, 52%
HSV	218°, 30%, 62%
XYZ	20.1056, 20.9281, 34.8781
YIQ	125.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

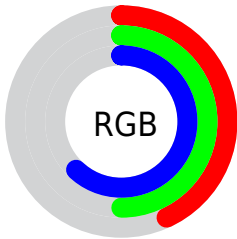
Format	Color
RYB	110, 122, 157
Decimal	7241629
CIELab	52.87, 1.06, -18.10
CIElCh	53, 18.133, 273.355
Yxy	20.9281, 0.2649, 0.2757
Android (android.graphics.Color)	4285431709 (0xFF6E7F9D)
YUV	125.3370, 15.6099, -13.4505
Hunter-Lab	45.7472, -1.6081, -13.1803

Details

The Hex color **6E7F9D** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9D8C6E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A3B4D4**, and **3D4E6A** is the 20% darker color. If you saturate the color by 10%, you get **5E759D**, and if you desaturate by 10%, it is **7E899D**.

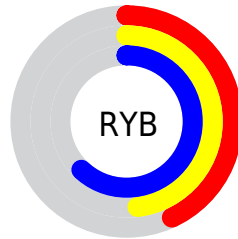
Distribution



Red (43%)

Green (50%)

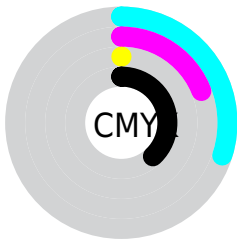
Blue (62%)



Red (43%)

Yellow (48%)

Blue (62%)

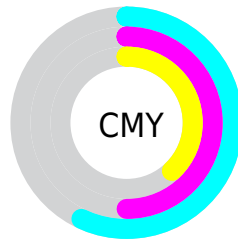


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7F9D 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 6E7F9D by changing the saturation by 10% instead.

■ 6E7F9D

■ 6E7F9D

FFFFFF

■ 556683

■ A3B4D4

■ 3D4E6A

■ BECFF0

■ 253751

■ DAEBFF

■ 0C223A

■ F7FFFF

■ 000C25

■ 00010E

■ 000000

■ 6E7F9D

■ 6E7F9D

■ 5E759D

■ 7E899D

■ 4F6B9D

■ 8D939D

■ 3F619D

■ 9D9D9D

■ 2F579D

■ ADA79D

■ 204D9D

■ BDB19D

■ 10439D

■ CCBB9D

■ 00399D

■ DCC59D

■ ECCF9D

■ FBD99D

Harmonies

Analogous

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



5B849A



6E7F9D



837A98

Triad

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



6E7F9D



9D746E



658670

Complementary

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



6E7F9D



9D8C6E

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.



778264



6E7F9D



967963

Square

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



6E7F9D



9D737D



887E5F



57877F

Rectangle

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



6E7F9D



8F7691



887E5F



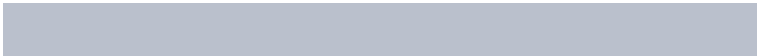
6B856B

Sweetspot

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



6E7F9D



BAC0CC



6E9D8C



5B5F66



E6E6E6



666666

Same Dimension

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



6E7F9D



839DCC



746E9D



474A4F



00348F



00060F

Inverse Universe

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



9D6E7F



CC839D



979D6E



4F474A



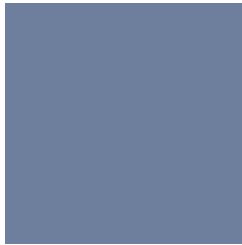
8F0034



0F0006

Previews

White Background



This preview shows how the Hex color 6E7F9D 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

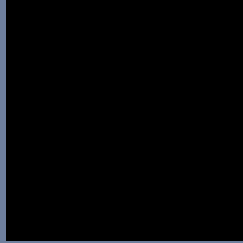
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

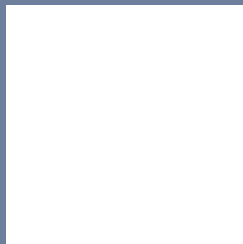
Any Text WCAG AAA × Fail

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

Hex 6E7F9D Background



This preview shows how black text looks on a background with the Hex color 6E7F9D.

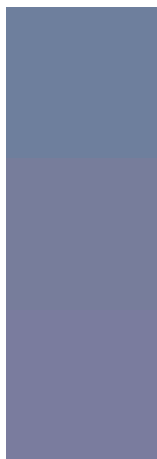


This preview shows how white text looks on a background with the Hex color 6E7F9D.

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
6E7F9D

Protanopia
777D9B

Deuteranopia
7A7C9E



Tritanopia
6A828C

Trichromacy



Original Color
6E7F9D

Protanomaly
747E9C

Deuteranomaly
767D9E

Tritanomaly
6B8192

Monochromacy



Original Color
6E7F9D

Achromatopsia
7D7D7D

Achromatomaly
787E89

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7F9D 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 #6E7F9D looks like.

```
.text, #text, p{  
    color:#6E7F9D  
}
```

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 #6E7F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7F9D
}
```

Border

The CSS property to change the border of an element to Hex 6E7F9D 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
#6E7F9D }
```

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

```
.border{ border-color:#6E7F9D }
```

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

Here you see how a box with a 4 pixel #6E7F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7F9D; -webkit-box-shadow:4px 4px  
4px 4px #6E7F9D; box-shadow:4px 4px 4px  
4px #6E7F9D }
```

Background

The CSS property to change the background color of an element to Hex 6E7F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7F9D }
```

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

```
.background{ background-color:#6E7F9D }
```

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