

Converting Colors

Hex(666B7F)

Have a look what the booklet for
Hex(666B7F) contains.

Hex(666B7F)	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(666B7F)

Conversions

Conversions Part 1

Format	Color
Hex	666B7F
RGB	102, 107, 127
RGB Percent	40%, 42%, 50%
CMY	0.6000, 0.5804, 0.5020
CMYK	0.20, 0.16, 0.00, 0.50
HSL	228°, 11%, 45%
HSV	228°, 20%, 50%
XYZ	14.5679, 14.8725, 22.1815
YIQ	107.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

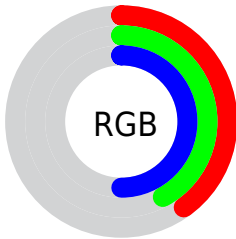
Format	Color
RYB	102, 106, 127
Decimal	6712191
CIELab	45.46, 2.67, -11.72
CIElCh	45, 12.018, 282.847
Yxy	14.8725, 0.2822, 0.2881
Android (android.graphics.Color)	4284902271 (0xFF666B7F)
YUV	107.7850, 9.4730, -5.0734
Hunter-Lab	38.5649, -0.0598, -7.1067

Details

The Hex color **666B7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7A66**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **999EB4**, and **373C4E** is the 20% darker color. If you saturate the color by 10%, you get **59617F**, and if you desaturate by 10%, it is **73757F**.

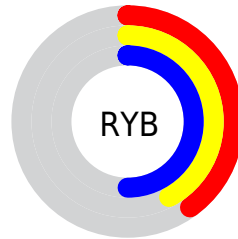
Distribution



Red (40%)

Green (42%)

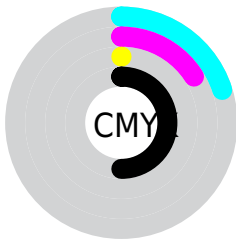
Blue (50%)



Red (40%)

Yellow (42%)

Blue (50%)

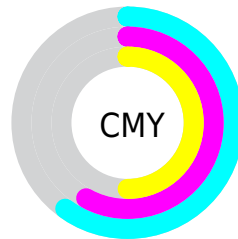


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666B7F 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 666B7F by changing the saturation by 10% instead.

■ 666B7F

■ 666B7F

FFFFFF

■ 4E5366

■ 999EB4

■ 373C4E

■ B4B9CF

■ 212637

■ D0D5EC

■ 0C1122

■ ECF1FF

■ 000009

■ 000000

■ 666B7F

■ 666B7F

■ 59617F

■ 73757F

■ 4D577F

■ 7F7F7F

■ 404D7F

■ 8C897F

■ 33427F

■ 99947F

■ 27387F

■ A59E7F

■ 1A2E7F

■ B2A87F

■ 0D247F

■ BFB27F

■ 001A7F

■ CCBC7F

■ 00197F

■ D8C67F

Harmonies

Analogous

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



5A6E7E



666B7F



73687A

Triad

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



666B7F



7F665E



597165

Complementary

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



666B7F



7F7A66

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.



646F5D



666B7F



796959

Square

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



666B7F



816568



6F6C58



527170

Rectangle

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



666B7F



7A6675



6F6C58



5C7162

Sweetspot

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



666B7F



9C9EA6



667F7A



4E4F54



D4D4D4



545454

Same Dimension

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



666B7F



7E86A6



6E667F



393B40



001980



000000

Inverse Universe

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



7F666B



A67E86



787F66



40393B



80001A



000000

Previews

White Background



This preview shows how the Hex color 666B7F looks on a white background.

Color Contrast Check

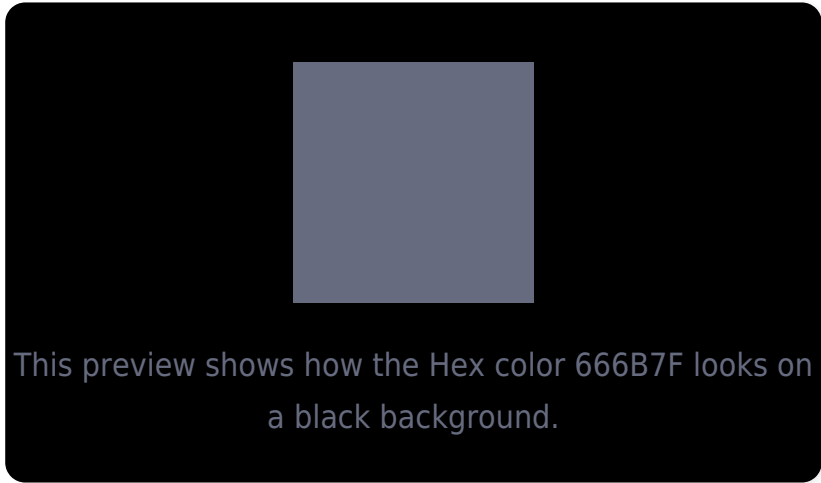
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

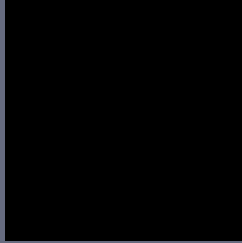
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

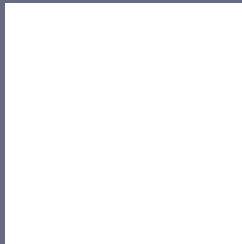
Any Text WCAG AAA × Fail

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

Hex 666B7F Background



This preview shows how black text looks on a background with the Hex color 666B7F.

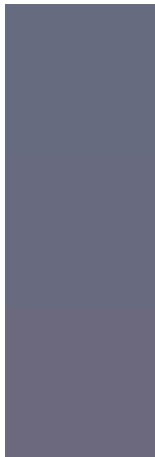


This preview shows how white text looks on a background with the Hex color 666B7F.

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](#).

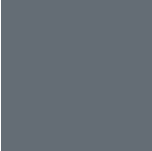
Dichromacy



Original Color
666B7F

Protanopia
686B7F

Deuteranopia
6C697F



Tritanopia
646D75

Trichromacy



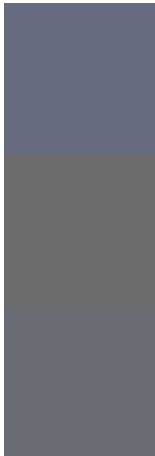
Original Color
666B7F

Protanomaly
676B7F

Deuteranomaly
6A6A7F

Tritanomaly
656C79

Monochromacy



Original Color
666B7F

Achromatopsia
6C6C6C

Achromatomaly
6A6C73

CSS Examples

Text

The CSS property to change the color of the text to Hex 666B7F 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 #666B7F looks like.

```
.text, #text, p{  
    color:#666B7F  
}
```

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 #666B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666B7F
}
```

Border

The CSS property to change the border of an element to Hex 666B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

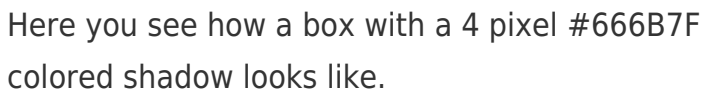
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666B7F }
```

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

```
.border{ border-color:#666B7F }
```

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



Here you see how a box with a 4 pixel #666B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666B7F; -webkit-box-shadow:4px 4px  
4px 4px #666B7F; box-shadow:4px 4px 4px  
4px #666B7F }
```

Background

The CSS property to change the background color of an element to Hex 666B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666B7F }
```

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

```
.background{ background-color:#666B7F }
```

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