

# Converting Colors

Hex(667F70)

Have a look what the booklet for  
Hex(667F70) contains.

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# Color

**Hex(667F70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667F70
RGB	102, 127, 112
RGB Percent	40%, 50%, 44%
CMY	0.6000, 0.5020, 0.5608
CMYK	0.20, 0.00, 0.12, 0.50
HSL	144°, 11%, 45%
HSV	144°, 20%, 50%
XYZ	15.9935, 19.1734, 18.1871
YIQ	117.8150, -10.0850, -9.9650

# Conversions

## Conversions Part 2

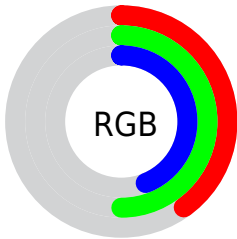
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 120, 127
Decimal	6717296
CIE Lab	50.89, -12.28, 5.18
CIE LCh	51, 13.325, 157.117
Yxy	19.1734, 0.2998, 0.3594
Android (android.graphics.Color)	4284907376 (0xFF667F70)
YUV	117.8150, -2.8668, -13.8698
Hunter-Lab	43.7874, -11.4303, 6.0251

# Details

The Hex color **667F70** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7F6675**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **99B4A4**, and **374E40** is the 20% darker color. If you saturate the color by 10%, you get **597F68**, and if you desaturate by 10%, it is **737F78**.

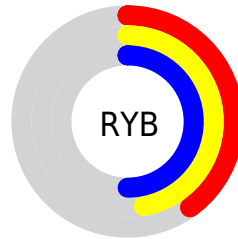
# Distribution



Red (40%)

Green (50%)

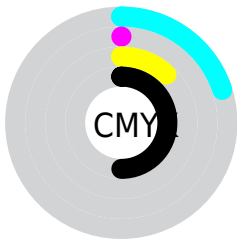
Blue (44%)



Red (40%)

Yellow (47%)

Blue (50%)

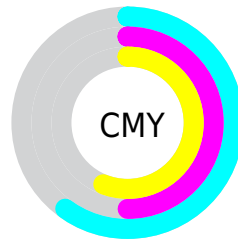


Cyan (20%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667F70 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 667F70 by changing the saturation by 10% instead.



■ 667F70

■ 667F70

FFFFFF

■ 4E6658

■ 99B4A4

■ 374E40

■ B4CFBF

■ 21372A

■ D0ECDB

■ 0C2116

■ ECFFF7

■ 000600

■ 000000

■ 667F70

■ 667F70

■ 597F68

■ 737F78

■ 4D7F61

■ 7F7F7F

■ 407F59

■ 8C7F87

■ 337F52

■ 997F8E

■ 277F4A

■ A57F96

■ 1A7F42

■ B27F9E

■ 0D7F3B

■ BF7FA5

■ 007F33

■ CC7FAD

■ D87FB5

# Harmonies

## Analogous

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



737D67



667F70



5D807C

# Triad

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



667F70



707990



90726C

# Complementary

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



667F70



7F6675

# 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.



917177



667F70



7F758B

# Square

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



667F70



637D8E



8A7282



8A7665

# Rectangle

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



667F70



5B8083



8A7282



91726F



# Sweetspot

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



667F70



9CA6A0



757F66



4E5451



D4D4D4



545454



# Same Dimension

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



667F70



7EA68E



667F7D



39403C



008033



000000



# Inverse Universe

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



7F6675



A67E96



7F6669



40393D



80004C



000000



# Previews

## White Background



This preview shows how the Hex color 667F70 looks on a white background.

## Color Contrast Check

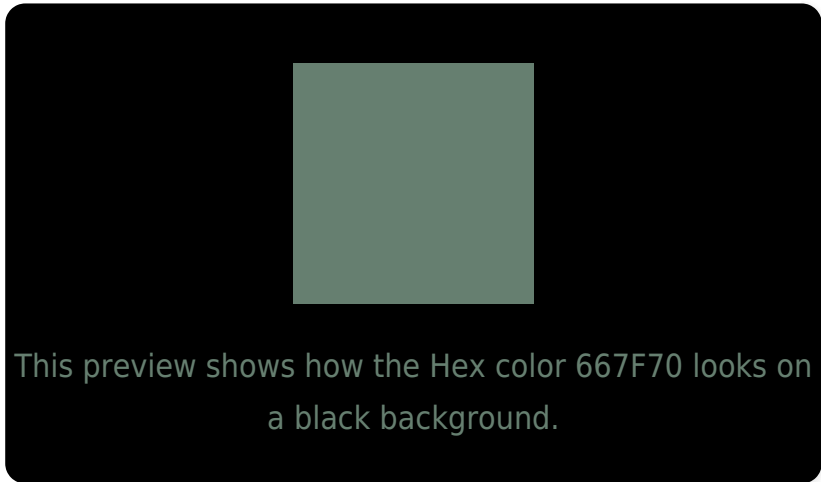
Large Text (above 18pt) WCAG AA ✓ Pass

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

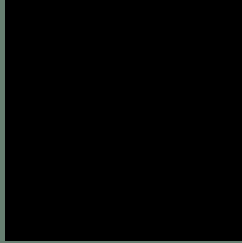
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 667F70 Background



This preview shows how black text looks on a background with the Hex color 667F70.

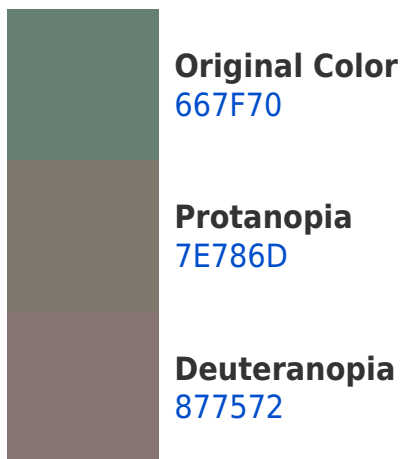


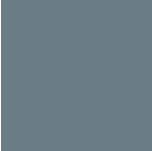
This preview shows how white text looks on a background with the Hex color 667F70.

# 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](#).

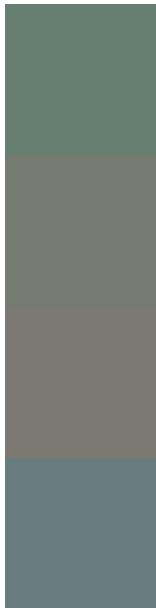
## Dichromacy





**Tritanopia**  
6A7C86

# Trichromacy



**Original Color**  
667F70

**Protanomaly**  
757B6E

**Deuteranomaly**  
7B7971

**Tritanomaly**  
697D7E

# Monochromacy



**Original Color**  
667F70

**Achromatopsia**  
767676

**Achromatomaly**  
707974

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667F70 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 #667F70 looks like.

```
.text, #text, p{  
    color:#667F70  
}
```

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 #667F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667F70  
}
```

## Border

The CSS property to change the border of an element to Hex 667F70 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  
#667F70 }
```

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

```
.border{ border-color:#667F70 }
```

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

Here you see how a box with a 4 pixel #667F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667F70; -webkit-box-shadow:4px 4px  
4px 4px #667F70; box-shadow:4px 4px 4px  
4px #667F70 }
```

# Background

The CSS property to change the background color of an element to Hex 667F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667F70 }
```

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

```
.background{ background-color:#667F70 }
```

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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