

# Converting Colors

Hex(667F6A)

Have a look what the booklet for  
Hex(667F6A) contains.

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# Color

Hex(667F6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	667F6A
RGB	102, 127, 106
RGB Percent	40%, 50%, 42%
CMY	0.6000, 0.5020, 0.5843
CMYK	0.20, 0.00, 0.17, 0.50
HSL	130°, 11%, 45%
HSV	130°, 20%, 50%
XYZ	15.6704, 19.0441, 16.4856
YIQ	117.1310, -8.1590, -11.8310

# Conversions

## Conversions Part 2

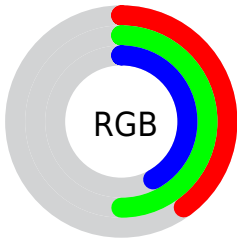
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 124, 127
Decimal	6717290
CIELab	50.74, -13.50, 8.47
CIELCh	51, 15.936, 147.894
Yxy	19.0441, 0.3061, 0.3720
Android (android.graphics.Color)	4284907370 (0xFF667F6A)
YUV	117.1310, -5.4876, -13.2699
Hunter-Lab	43.6396, -12.2723, 8.1498

# Details

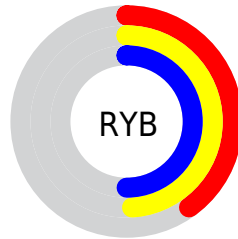
The Hex color **667F6A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7F667B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **99B49D**, and **374E3B** is the 20% darker color. If you saturate the color by 10%, you get **597F5F**, and if you desaturate by 10%, it is **737F75**.

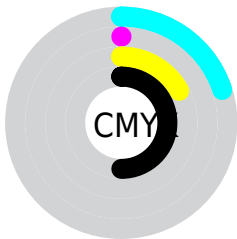
# Distribution



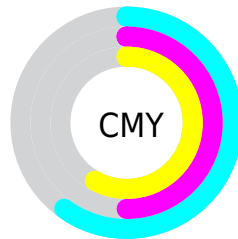
- Red (40%)
- Green (50%)
- Blue (42%)



- Red (40%)
- Yellow (49%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667F6A 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 667F6A by changing the saturation by 10% instead.





667F6A



667F6A

FFFFFF



4E6652



99B49D



374E3B



B4CFB8



213725



D0ECD4



0C2110



ECFFF0



000500



000000



667F6A



667F6A



597F5F



737F75



4D7F55



7F7F7F

 407F4A

 8C7F8A

 337F3F

 997F95

 277F35

 A57F9F

 1A7F2A

 B27FAA

 0D7F1F

 BF7FB5

 007F15

 CC7FBF

 007F14

 D87FCA

# Harmonies

## Analogous

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



757C61



667F6A



598177

# Triad

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



667F6A



687A94



95706D

# Complementary

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



667F6A



7F667B

# 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.



936F7A



667F6A



7A7691

# Square

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



667F6A



597E8F



8A7187



8F7362

# Rectangle

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



667F6A



548181



8A7187



956F71



# Sweetspot

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



667F6A



9CA69D



7B7F66



4E544F



D4D4D4



545454



# Same Dimension

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



667F6A



7EA684



667F76



39403A



008014



000000



# Inverse Universe

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



7F667B



A67E9F



7F666F



40393F



80006B



000000



# Previews

## White Background



This preview shows how the Hex color 667F6A looks on a white background.

## Color Contrast Check

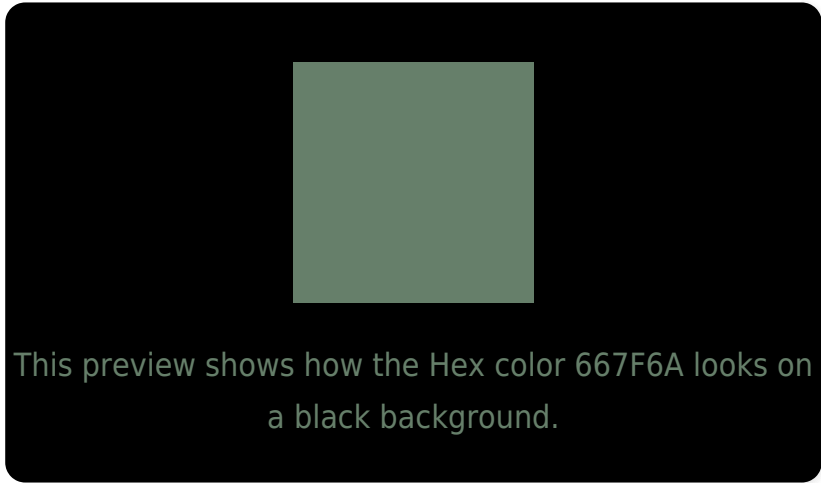
Large Text (above 18pt) WCAG AA ✓ Pass

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

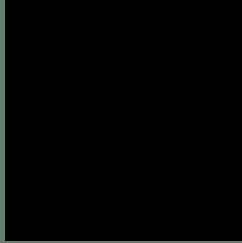
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 667F6A Background



This preview shows how black text looks on a background with the Hex color 667F6A.

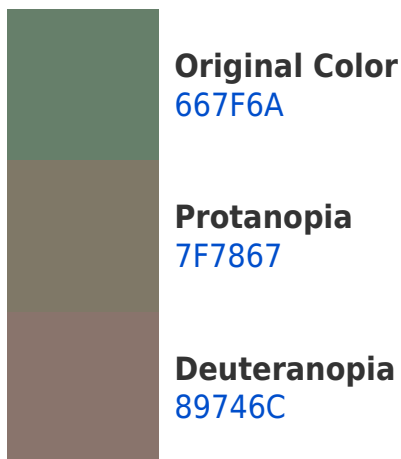


This preview shows how white text looks on a background with the Hex color 667F6A.

# 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**  
6B7B85

# Trichromacy



**Original Color**  
667F6A

**Protanomaly**  
767B68

**Deuteranomaly**  
7C786B

**Tritanomaly**  
697C7B

# Monochromacy



**Original Color**  
667F6A

**Achromatopsia**  
757575

**Achromatomaly**  
707971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667F6A 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 #667F6A looks like.

```
.text, #text, p{  
    color:#667F6A  
}
```

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 #667F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667F6A
}
```

## Border

The CSS property to change the border of an element to Hex 667F6A 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
#667F6A }
```

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

```
.border{ border-color:#667F6A }
```

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

Here you see how a box with a 4 pixel #667F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667F6A; -webkit-box-shadow:4px 4px  
4px 4px #667F6A; box-shadow:4px 4px 4px  
4px #667F6A }
```

# Background

The CSS property to change the background color of an element to Hex 667F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667F6A }
```

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

```
.background{ background-color:#667F6A }
```

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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