

# Converting Colors

Hex(6F8062)

Have a look what the booklet for  
Hex(6F8062) contains.

<b>Hex(6F8062)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6F8062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F8062
RGB	111, 128, 98
RGB Percent	44%, 50%, 38%
CMY	0.5647, 0.4980, 0.6157
CMYK	0.13, 0.00, 0.23, 0.50
HSL	94°, 13%, 44%
HSV	94°, 23%, 50%
XYZ	16.4793, 19.6997, 14.4891
YIQ	119.4970, -0.5020, -12.9340

# Conversions

## Conversions Part 2

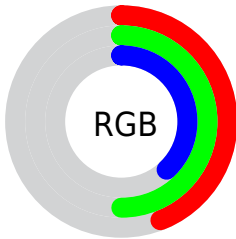
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 128, 115
Decimal	7307362
CIE Lab	51.50, -12.12, 14.26
CIE LCh	51, 18.721, 130.362
Yxy	19.6997, 0.3252, 0.3888
Android (android.graphics.Color)	4285497442 (0xFF6F8062)
YUV	119.4970, -10.5980, -7.4519
Hunter-Lab	44.3843, -11.3979, 11.7140

# Details

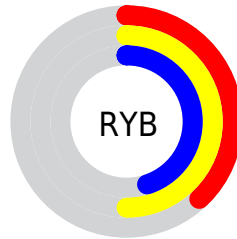
The Hex color **6F8062** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **736280**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A3B595**, and **3F4F33** is the 20% darker color. If you saturate the color by 10%, you get **688055**, and if you desaturate by 10%, it is **76806F**.

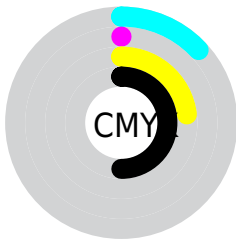
# Distribution



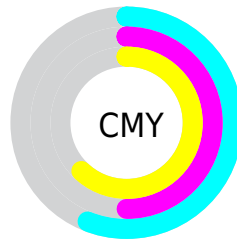
- Red (44%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (45%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F8062 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 6F8062 by changing the saturation by 10% instead.





6F8062



6F8062

FFFFFF



56674A



A3B595



3F4F33



BED0AF



29381E



DAEDCB



152206



F6FFE7



000A00



000000



6F8062



6F8062



688055



76806F



608048



7E807C

■ 59803C

■ 858088

■ 52802F

■ 8C8095

■ 4B8022

■ 9380A2

■ 438015

■ 9B80AF

■ 3C8008

■ A280BC

■ 378000

■ A980C8

■ B080D5

# Harmonies

## Analogous

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



817B5B



6F8062



5D836F

# Triad

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



6F8062



5A7F98



9B6F76

# Complementary

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



6F8062



736280

# 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.



947086



6F8062



6F7A9A

# Square

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



6F8062



4D838F



847593



997167

# Rectangle

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



6F8062



53847A



847593



9A6F7B



# Sweetspot

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



6F8062



9FA69A



807362



50544D



D4D4D4



545454



# Same Dimension

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



6F8062



8BA677



628064



3C4039



378000



000000



# Inverse Universe

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



736280



9277A6



80627E



3D3940



480080



000000



# Previews

## White Background



This preview shows how the Hex color 6F8062 looks on a white background.

## Color Contrast Check

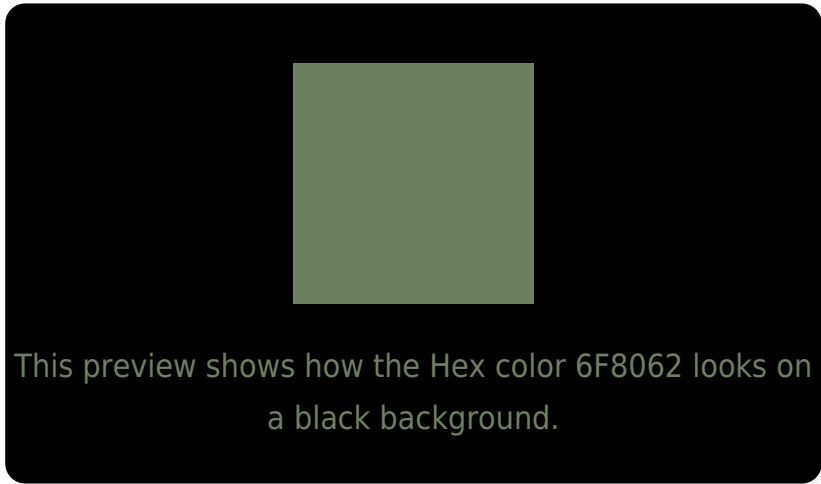
Large Text (above 18pt) WCAG AA ✓ Pass

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

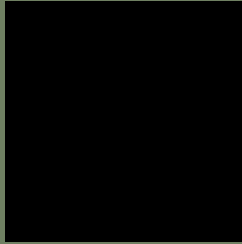
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F8062 Background



This preview shows how black text looks on a background with the Hex color 6F8062.



This preview shows how white text looks on a background with the Hex color 6F8062.

# 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**  
6F8062

**Protanopia**  
837A5F

**Deuteranopia**  
8E7664



**Tritanopia**  
747B85

# Trichromacy



**Original Color**  
6F8062

**Protanomaly**  
7C7C60

**Deuteranomaly**  
837A63

**Tritanomaly**  
727D78

# Monochromacy



**Original Color**  
6F8062

**Achromatopsia**  
777777

**Achromatomaly**  
747A6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F8062 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 #6F8062 looks like.

```
.text, #text, p{  
    color:#6F8062  
}
```

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 #6F8062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8062
}
```

## Border

The CSS property to change the border of an element to Hex 6F8062 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
#6F8062 }
```

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

```
.border{ border-color:#6F8062 }
```

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

Here you see how a box with a 4 pixel #6F8062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8062; -webkit-box-shadow:4px 4px  
4px 4px #6F8062; box-shadow:4px 4px 4px  
4px #6F8062 }
```

# Background

The CSS property to change the background color of an element to Hex 6F8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8062 }
```

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

```
.background{ background-color:#6F8062 }
```

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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