

# Converting Colors

Hex(66876F)

Have a look what the booklet for  
Hex(66876F) contains.

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# Color

**Hex(66876F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66876F
RGB	102, 135, 111
RGB Percent	40%, 53%, 44%
CMY	0.6000, 0.4706, 0.5647
CMYK	0.24, 0.00, 0.18, 0.47
HSL	136°, 14%, 46%
HSV	136°, 24%, 53%
XYZ	17.0127, 21.3004, 18.2537
YIQ	122.3970, -11.9640, -14.4600

# Conversions

## Conversions Part 2

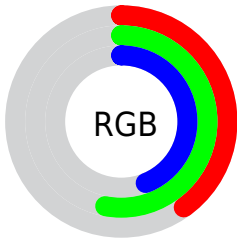
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 128, 135
Decimal	6719343
CIELab	53.28, -16.82, 9.16
CIELCh	53, 19.157, 151.423
Yxy	21.3004, 0.3008, 0.3766
Android (android.graphics.Color)	4284909423 (0xFF66876F)
YUV	122.3970, -5.6187, -17.8882
Hunter-Lab	46.1524, -14.9679, 8.8570

# Details

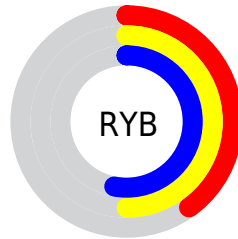
The Hex color **66876F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87667E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9ABCA3**, and **36553F** is the 20% darker color. If you saturate the color by 10%, you get **598765**, and if you desaturate by 10%, it is **748779**.

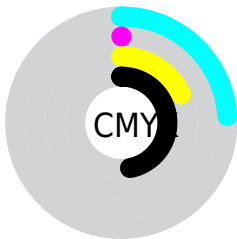
# Distribution



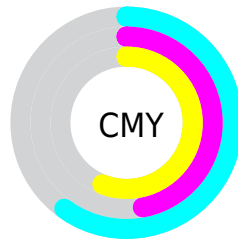
- Red (40%)
- Green (53%)
- Blue (44%)



- Red (40%)
- Yellow (50%)
- Blue (53%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (47%)



- Cyan (60%)
- Magenta (47%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66876F 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 66876F by changing the saturation by 10% instead.





66876F



66876F

FFFFFF



4E6E57



9ABCA3



36553F



B5D8BE



1F3E29



D0F5DA



092815



EDFFF6



001400



000000



66876F



66876F



598765



748779



4B875B



818783

 3E8752

 8F878C

 308748

 9C8796

 23873E

 AA87A0

 158734

 B787AA

 08872A

 C487B4

 008725

 D287BE

 E087C7

# Harmonies

## Analogous

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



798363



66876F



56897F

# Triad

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



66876F



6C80A0



A0756F

# Complementary

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



66876F



87667E

# 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.



9F737F



66876F



837B9B

# Square

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



66876F



58859C



95768F



997963

# Rectangle

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



66876F



50888B



95768F



A17474



# Sweetspot

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



66876F



A4B0A7



7E8766



525954



D9D9D9



595959



# Same Dimension

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



66876F



7DB08B



66877F



3C423D



008223



000301



# Inverse Universe

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



87667E



B07DA2



87666E



423C40



82005F

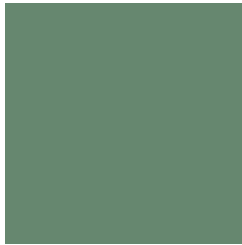


030002



# Previews

## White Background



This preview shows how the Hex color 66876F looks on a white background.

## Color Contrast Check

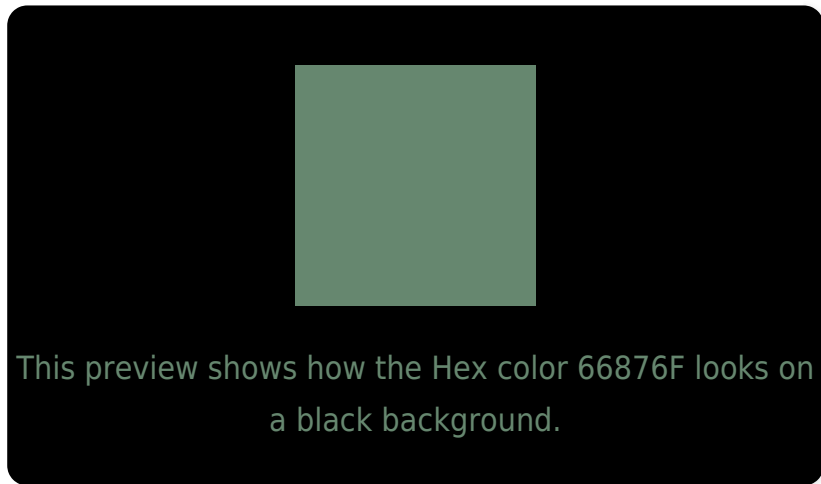
Large Text (above 18pt) WCAG AA ✓ Pass

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

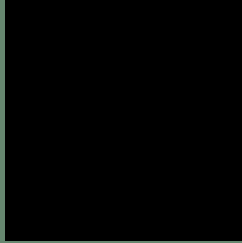
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 66876F Background



This preview shows how black text looks on a background with the Hex color 66876F.

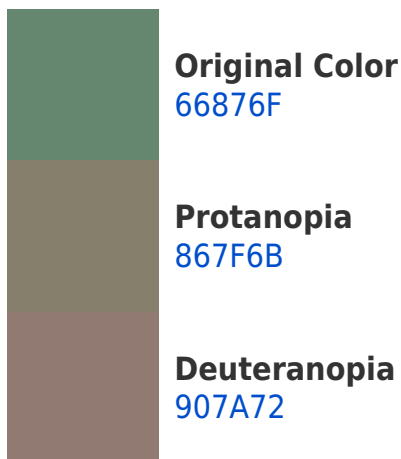



This preview shows how white text looks on a background with the Hex color 66876F.

# 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**  
6C838D

# Trichromacy



**Original Color**  
66876F

**Protanomaly**  
7A826C

**Deuteranomaly**  
817F71

**Tritanomaly**  
6A8482

# Monochromacy



**Original Color**  
66876F

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
737F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66876F 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 #66876F looks like.

```
.text, #text, p{  
    color:#66876F  
}
```

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 #66876F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66876F
}
```

## Border

The CSS property to change the border of an element to Hex 66876F 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
#66876F }
```

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

```
.border{ border-color:#66876F }
```

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

Here you see how a box with a 4 pixel #66876F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66876F; -webkit-box-shadow:4px 4px  
4px 4px #66876F; box-shadow:4px 4px 4px  
4px #66876F }
```

# Background

The CSS property to change the background color of an element to Hex 66876F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66876F }
```

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

```
.background{ background-color:#66876F }
```

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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