

# Converting Colors

Hex(60806D)

Have a look what the booklet for  
Hex(60806D) contains.

<b>Hex(60806D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(60806D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60806D
RGB	96, 128, 109
RGB Percent	38%, 50%, 43%
CMY	0.6235, 0.4980, 0.5725
CMYK	0.25, 0.00, 0.15, 0.50
HSL	144°, 14%, 44%
HSV	144°, 25%, 50%
XYZ	15.3034, 19.0293, 17.3344
YIQ	116.2660, -12.9730, -12.6930

# Conversions

## Conversions Part 2

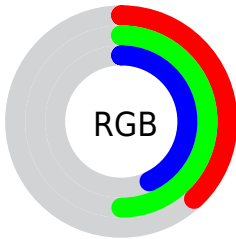
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 119, 128
Decimal	6324333
CIE <sub>Lab</sub>	50.72, -15.58, 6.64
CIE <sub>LCh</sub>	51, 16.938, 156.916
Yxy	19.0293, 0.2962, 0.3683
Android (android.graphics.Color)	4284514413 (0xFF60806D)
YUV	116.2660, -3.5821, -17.7733
Hunter-Lab	43.6225, -13.7193, 6.9755

# Details

The Hex color **60806D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **806073**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **93B5A0**, and **314F3E** is the 20% darker color. If you saturate the color by 10%, you get **538065**, and if you desaturate by 10%, it is **6D8075**.

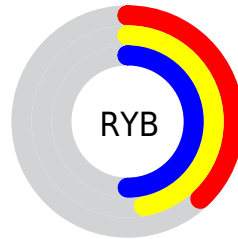
# Distribution



Red (38%)

Green (50%)

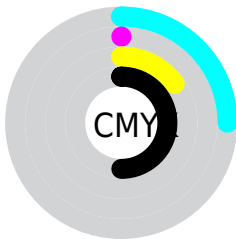
Blue (43%)



Red (38%)

Yellow (47%)

Blue (50%)

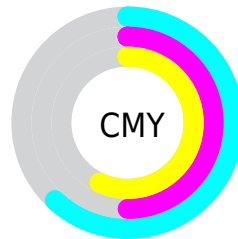


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60806D 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 60806D by changing the saturation by 10% instead.





60806D



60806D

FFFFFF



486755



93B5A0



314F3E



AED1BB



1A3828



C9EDD7



042213



E6FFF4



000500



000000



60806D



60806D



538065



6D8075



46805E



7A807C

 3A8056

 868084

 2D804F

 93808B

 208047

 A08093

 13803F

 AD809B

 068038

 BA80A2

 008034

 C680AA

 D380B1

# Harmonies

## Analogous

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



707D61



60806D



54817C

# Triad

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



60806D



6C7995



957068

# Complementary

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



60806D



806073

# 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.



966E76



60806D



7F7490

# Square

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



60806D



5A7D93



8E7084



8D745F

# Rectangle

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



60806D



508185



8E7084



966F6C



# Sweetspot

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



60806D



98A69E



738060



4C544F



D4D4D4



545454



# Same Dimension

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



60806D



74A688



60807D



39403C



008034



000000



# Inverse Universe

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



806073



A67492



806063



40393D



80004C



000000



# Previews

## White Background



This preview shows how the Hex color 60806D looks on a white background.

## Color Contrast Check

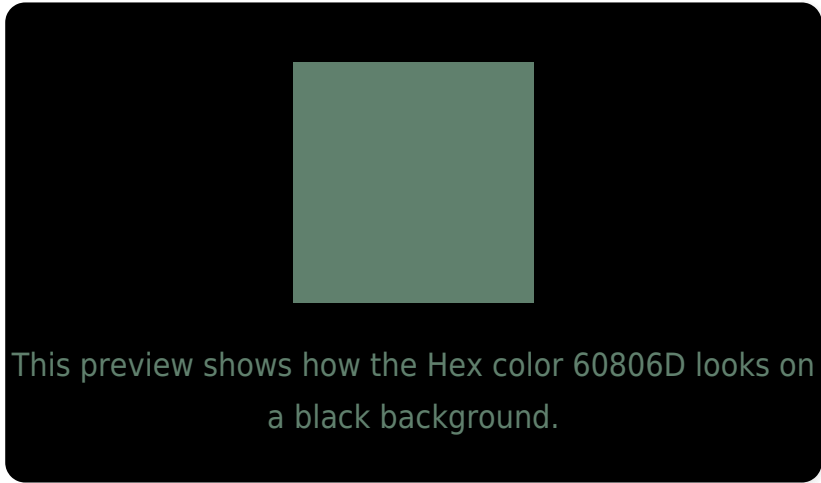
Large Text (above 18pt) WCAG AA ✓ Pass

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

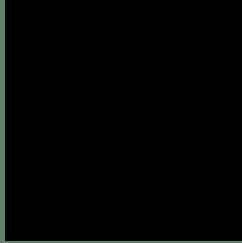
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 60806D Background



This preview shows how black text looks on a background with the Hex color 60806D.

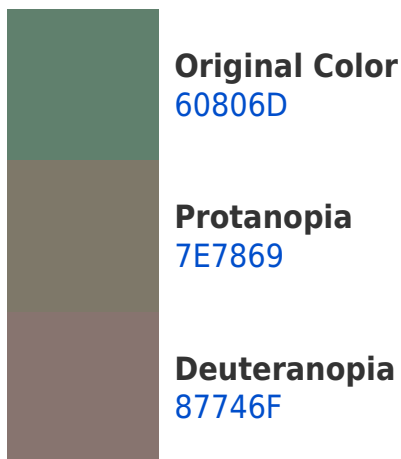



This preview shows how white text looks on a background with the Hex color 60806D.

# 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**  
657C86

# Trichromacy



**Original Color**  
60806D

**Protanomaly**  
737B6A

**Deuteranomaly**  
79786E

**Tritanomaly**  
637D7D

# Monochromacy



**Original Color**  
60806D

**Achromatopsia**  
747474

**Achromatomaly**  
6D7871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60806D 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 #60806D looks like.

```
.text, #text, p{  
    color:#60806D  
}
```

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 #60806D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60806D
}
```

## Border

The CSS property to change the border of an element to Hex 60806D 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".

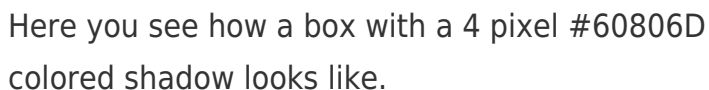
```
.border, #border, table{ border:4px solid
#60806D }
```

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

```
.border{ border-color:#60806D }
```

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

Here you see how a box with a 4 pixel #60806D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60806D; -webkit-box-shadow:4px 4px  
4px 4px #60806D; box-shadow:4px 4px 4px  
4px #60806D }
```

# Background

The CSS property to change the background color of an element to Hex 60806D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60806D }
```

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

```
.background{ background-color:#60806D }
```

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