

# Converting Colors

Hex(60803F)

Have a look what the booklet for  
Hex(60803F) contains.

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# Color

**Hex(60803F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60803F
RGB	96, 128, 63
RGB Percent	38%, 50%, 25%
CMY	0.6235, 0.4980, 0.7529
CMYK	0.25, 0.00, 0.51, 0.50
HSL	90°, 34%, 37%
HSV	90°, 51%, 50%
XYZ	13.4402, 18.2840, 7.5234
YIQ	111.0220, 1.7930, -26.9990

# Conversions

## Conversions Part 2

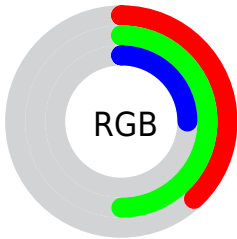
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 128, 95
Decimal	6324287
CIELab	49.84, -23.30, 31.45
CIELCh	50, 39.135, 126.533
Yxy	18.2840, 0.3424, 0.4659
Android (android.graphics.Color)	4284514367 (0xFF60803F)
YUV	111.0220, -23.6748, -13.1743
Hunter-Lab	42.7598, -18.7236, 19.5000

# Details

The Hex color **60803F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5F3F80**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **94B570**, and **2F4F10** is the 20% darker color. If you saturate the color by 10%, you get **5A8032**, and if you desaturate by 10%, it is **66804C**.

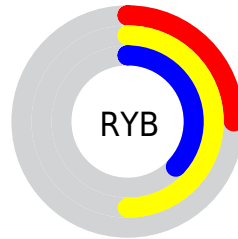
# Distribution



Red (38%)

Green (50%)

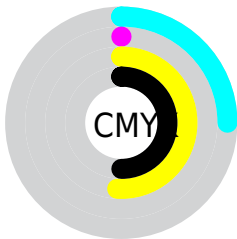
Blue (25%)



Red (25%)

Yellow (50%)

Blue (37%)

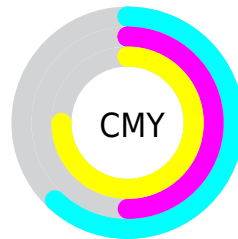


Cyan (25%)

Magenta (0%)

Yellow (51%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60803F 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 60803F by changing the saturation by 10% instead.





60803F



60803F

FFFFFF



476728



94B570



2F4F10



AFD18A



183700



CBEDA5



002200



E8FFC0



000000



FFFFDC



FFFFF9



60803F



60803F



5A8032



66804C

■ 538025

■ 6D8059

■ 4D8019

■ 738065

■ 47800C

■ 798072

■ 418000

■ 80807F

■ 86808C

■ 8C8099

■ 9280A5

■ 9980B2

# Harmonies

## Analogous

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



837732



60803F



31855B

# Triad

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



60803F



0081B3



B45A70

# Complementary

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



60803F



5F3F80

# 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.



A55F92



60803F



4A78B8

# Square

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



60803F



00869D



836BAC



B16051

# Rectangle

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



60803F



008771



836BAC



B25B7C



# Sweetspot

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



60803F



9AA68D



805E3F



4D5445



D4D4D4



545454



# Same Dimension

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



60803F



74A641



40803F



3D4039



418000



000000



# Inverse Universe

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



5F3F80



7241A6



7F3F80



3D3940



3F0080



000000



# Previews

## White Background



This preview shows how the Hex color 60803F looks on a white background.

## Color Contrast Check

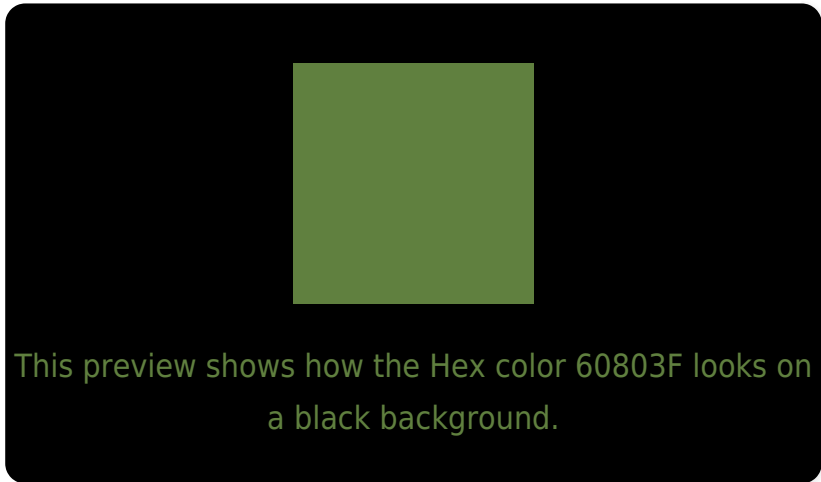
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 60803F Background



This preview shows how black text looks on a background with the Hex color 60803F.



This preview shows how white text looks on a background with the Hex color 60803F.

# 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**  
60803F

**Protanopia**  
83763C

**Deuteranopia**  
907143



**Tritanopia**  
6A7982

# Trichromacy



**Original Color**  
60803F

**Protanomaly**  
767A3D

**Deuteranomaly**  
7F7642

**Tritanomaly**  
667C6A

# Monochromacy



**Original Color**  
60803F

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6A755E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60803F 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 #60803F looks like.

```
.text, #text, p{  
    color:#60803F  
}
```

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 #60803F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60803F
}
```

## Border

The CSS property to change the border of an element to Hex 60803F 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
#60803F }
```

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

```
.border{ border-color:#60803F }
```

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

Here you see how a box with a 4 pixel #60803F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60803F; -webkit-box-shadow:4px 4px  
4px 4px #60803F; box-shadow:4px 4px 4px  
4px #60803F }
```

# Background

The CSS property to change the background color of an element to Hex 60803F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60803F }
```

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

```
.background{ background-color:#60803F }
```

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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