

# Converting Colors

Hex(588060)

Have a look what the booklet for  
Hex(588060) contains.

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# Color

**Hex(588060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	588060
RGB	88, 128, 96
RGB Percent	35%, 50%, 38%
CMY	0.6549, 0.4980, 0.6235
CMYK	0.31, 0.00, 0.25, 0.50
HSL	132°, 19%, 42%
HSV	132°, 31%, 50%
XYZ	13.8550, 18.3576, 13.8795
YIQ	112.3920, -13.5680, -18.4320

# Conversions

## Conversions Part 2

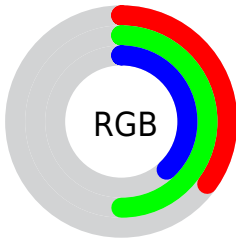
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 121, 128
Decimal	5800032
CIELab	49.93, -21.02, 13.01
CIElCh	50, 24.726, 148.246
Yxy	18.3576, 0.3006, 0.3983
Android (android.graphics.Color)	4283990112 (0xFF588060)
YUV	112.3920, -8.0813, -21.3918
Hunter-Lab	42.8457, -17.2587, 10.7856

# Details

The Hex color **588060** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **805878**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8BB593**, and **284F32** is the 20% darker color. If you saturate the color by 10%, you get **4B8056**, and if you desaturate by 10%, it is **65806A**.

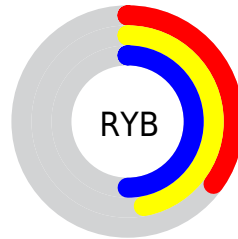
# Distribution



Red (35%)

Green (50%)

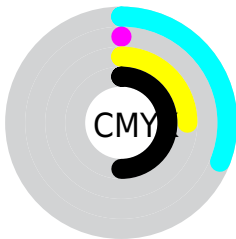
Blue (38%)



Red (35%)

Yellow (47%)

Blue (50%)

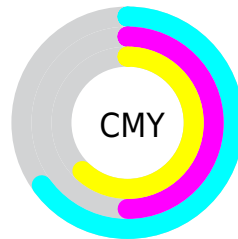


Cyan (31%)

Magenta (0%)

Yellow (25%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588060 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 588060 by changing the saturation by 10% instead.



 588060

 588060


FFFFFF

 406748

 8BB593

 284F32

 A6D1AD

 11371C

 C1EDC9

 002203

 DDFFE5

 000000

 FAFFFF

 588060

 588060

 4B8056

 65806A

 3E804C

 728074

 328041

 7E807F

 258037

 8B8089

 18802D

 988093

 0B8023

 A5809D

 00801A

 B280A8

 BE80B2

 CB80BC

# Harmonies

## Analogous

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



717B51



588060



408275

# Triad

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



588060



5979A0



A06864

# Complementary

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



588060



805878

# 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.



9E6779



588060



78729C

# Square

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



588060



3B7F9A



906B8D



976E54

# Rectangle

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



588060



338283



906B8D



A1676B



# Sweetspot

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



588060



97A69A



788058



4B544D



D4D4D4



545454



# Same Dimension

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



588060



67A673



588074



39403B



008019



000000



# Inverse Universe

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



805878



A66799



805864



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 588060 looks on a white background.

## Color Contrast Check

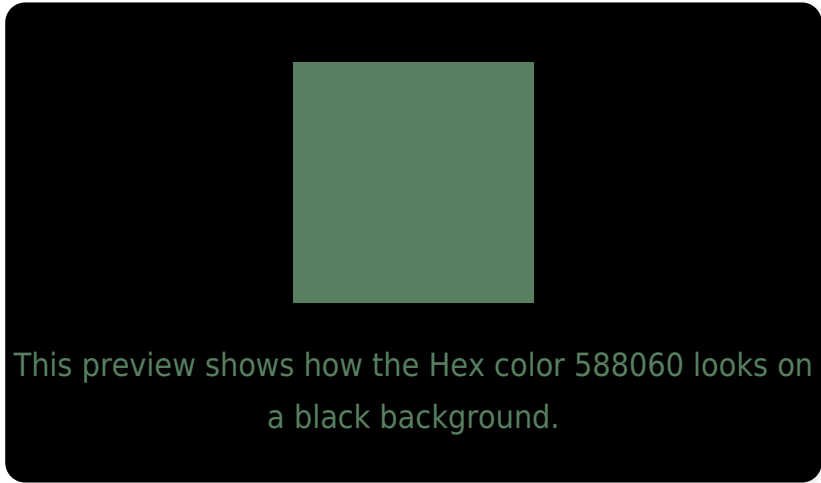
Large Text (above 18pt) WCAG AA ✓ Pass

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

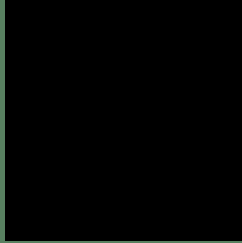
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 588060 Background



This preview shows how black text looks on a background with the Hex color 588060.

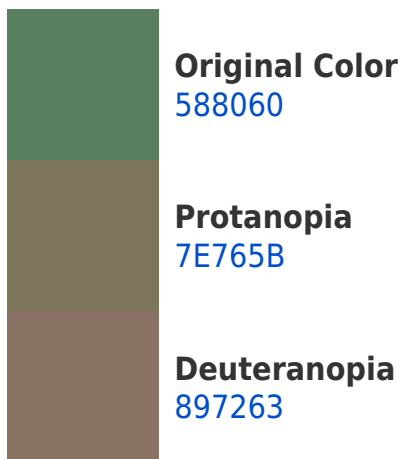


This preview shows how white text looks on a background with the Hex color 588060.

# 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**  
5F7B85

# Trichromacy



**Original Color**  
588060

**Protanomaly**  
707A5D

**Deuteranomaly**  
777762

**Tritanomaly**  
5C7D78

# Monochromacy



**Original Color**  
588060

**Achromatopsia**  
707070

**Achromatomaly**  
67766A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588060 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 #588060 looks like.

```
.text, #text, p{  
    color:#588060  
}
```

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 #588060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588060
}
```

## Border

The CSS property to change the border of an element to Hex 588060 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
#588060 }
```

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

```
.border{ border-color:#588060 }
```

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

Here you see how a box with a 4 pixel #588060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588060; -webkit-box-shadow:4px 4px  
4px 4px #588060; box-shadow:4px 4px 4px  
4px #588060 }
```

# Background

The CSS property to change the background color of an element to Hex 588060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588060 }
```

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

```
.background{ background-color:#588060 }
```

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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