

# Converting Colors

Hex(588055)

Have a look what the booklet for  
Hex(588055) contains.

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# Color

**Hex(588055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	588055
RGB	88, 128, 85
RGB Percent	35%, 50%, 33%
CMY	0.6549, 0.4980, 0.6667
CMYK	0.31, 0.00, 0.34, 0.50
HSL	116°, 20%, 42%
HSV	116°, 34%, 50%
XYZ	13.3834, 18.1689, 11.3959
YIQ	111.1380, -10.0370, -21.8530

# Conversions

## Conversions Part 2

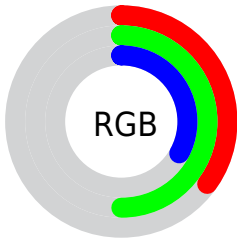
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 128, 125
Decimal	5800021
CIELab	49.70, -23.07, 19.02
CIElCh	50, 29.901, 140.488
Yxy	18.1689, 0.3116, 0.4230
Android (android.graphics.Color)	4283990101 (0xFF588055)
YUV	111.1380, -12.8860, -20.2920
Hunter-Lab	42.6250, -18.5485, 13.9862

# Details

The Hex color **588055** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D5580**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8BB587**, and **284E27** is the 20% darker color. If you saturate the color by 10%, you get **4C8048**, and if you desaturate by 10%, it is **648062**.

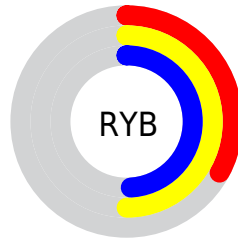
# Distribution



Red (35%)

Green (50%)

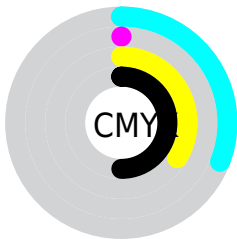
Blue (33%)



Red (33%)

Yellow (50%)

Blue (49%)

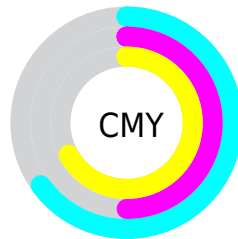


Cyan (31%)

Magenta (0%)

Yellow (34%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588055 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 588055 by changing the saturation by 10% instead.



 588055

 588055

FFFFFF

 40673E

 8BB587

 284E27

 A6D1A1

 103712

 C1EDBC

 002200

 DEFFD8

 000000

 FAFFF5

 588055

 588055

 4C8048

 648062

 40803B

 70806F

■ 34802F

■ 7C807B

■ 288022

■ 888088

■ 1C8015

■ 948095

■ 118008

■ 9F80A2

■ 098000

■ AB80AF

■ B780BB

■ C380C8

# Harmonies

## Analogous

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



757A46



588055



36836D

# Triad

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



588055



427BA8



A86366

# Complementary

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



588055



7D5580

# 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.



A2637F



588055



6D73A6

# Square

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



588055



0A819D



8E6997



A06950

# Rectangle

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



588055



19847F



8E6997



A7626E



# Sweetspot

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



588055



96A695



807C55



4B544A



D4D4D4



545454



# Same Dimension

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



588055



68A663



558067



3A4039



098000



000000



# Inverse Universe

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



7D5580



A163A6



80556E



3F3940



770080



000000



# Previews

## White Background



This preview shows how the Hex color 588055 looks on a white background.

## Color Contrast Check

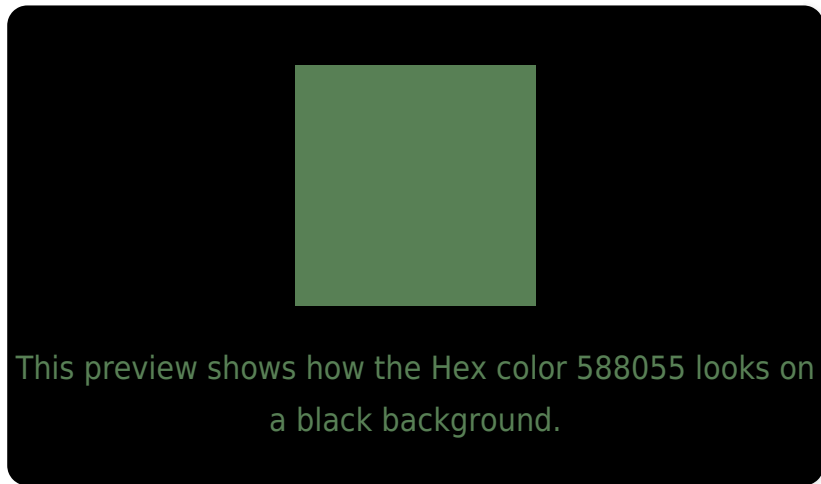
Large Text (above 18pt) WCAG AA ✓ Pass

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

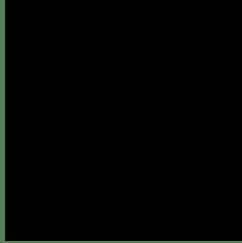
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 588055 Background



This preview shows how black text looks on a background with the Hex color 588055.



This preview shows how white text looks on a background with the Hex color 588055.

# 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**  
588055

**Protanopia**  
7F7651

**Deuteranopia**  
8B7158



**Tritanopia**  
607A84

# Trichromacy



**Original Color**  
588055

**Protanomaly**  
717A52

**Deuteranomaly**  
787657

**Tritanomaly**  
5D7C73

# Monochromacy



**Original Color**  
588055

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
677566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588055 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 #588055 looks like.

```
.text, #text, p{  
    color:#588055  
}
```

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 #588055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588055  
}
```

## Border

The CSS property to change the border of an element to Hex 588055 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  
#588055 }
```

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

```
.border{ border-color:#588055 }
```

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

Here you see how a box with a 4 pixel #588055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588055; -webkit-box-shadow:4px 4px  
4px 4px #588055; box-shadow:4px 4px 4px  
4px #588055 }
```

# Background

The CSS property to change the background color of an element to Hex 588055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588055 }
```

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

```
.background{ background-color:#588055 }
```

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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