

# Converting Colors

Hex(588244)

Have a look what the booklet for  
Hex(588244) contains.

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# Color

Hex(588244)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	588244
RGB	88, 130, 68
RGB Percent	35%, 51%, 27%
CMY	0.6549, 0.4902, 0.7333
CMYK	0.32, 0.00, 0.48, 0.49
HSL	101°, 31%, 39%
HSV	101°, 48%, 51%
XYZ	13.0505, 18.4573, 8.3436
YIQ	110.3740, -5.1300, -28.1860

# Conversions

## Conversions Part 2

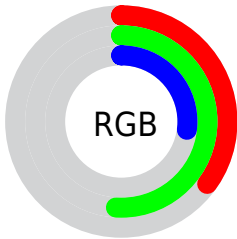
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 130, 110</a>
Decimal	<a href="#">5800516</a>
CIELab	<a href="#">50.05, -26.73, 28.92</a>
CIELCh	<a href="#">50, 39.385, 132.747</a>
Yxy	<a href="#">18.4573, 0.3275, 0.4632</a>
Android (android.graphics.Color)	<a href="#">4283990596 (0xFF588244)</a>
YUV	<a href="#">110.3740, -20.8904, -19.6220</a>
Hunter-Lab	<a href="#">42.9620, -20.9607, 18.5587</a>

# Details

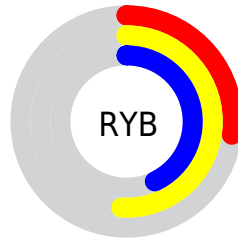
The Hex color **588244** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4482**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8CB775**, and **275016** is the 20% darker color. If you saturate the color by 10%, you get **4F8237**, and if you desaturate by 10%, it is **618251**.

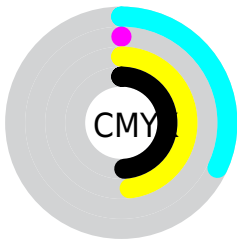
# Distribution



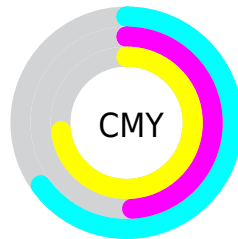
- Red (35%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (43%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (65%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588244 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 588244 by changing the saturation by 10% instead.



 588244

 588244

FFFFFF

 3F692D

 8CB775

 275016

 A7D38F

 0E3900

 C2EFAA

 002400

 DFFFC6

 000000

 FCFE2

 588244

 588244

 4F8237

 618251

 46822A

 6A825E

 3E821D

 72826B

 358210

 7B8278

 2C8203

 848285

 2A8200

 8D8292

 96829F

 9E82AC

 A782B9

# Harmonies

## Analogous

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



7D7A33



588244



218762

# Triad

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



588244



0080B7



B65B6A

# Complementary

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



588244



6E4482

# 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.



AB5E8C



588244



5976B8

# Square

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



588244



0086A4



8C69A8



AF624B

# Rectangle

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



588244



008879



8C69A8



B45B75



# Sweetspot

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



588244



98A891



826D44



4A5446



D4D4D4



545454



# Same Dimension

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



588244



67A848



44824E



3B4039



298000



000000



# Inverse Universe

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



6E4482



8948A8



824478



3E3940



560080



000000



# Previews

## White Background



This preview shows how the Hex color 588244 looks on a white background.

## Color Contrast Check

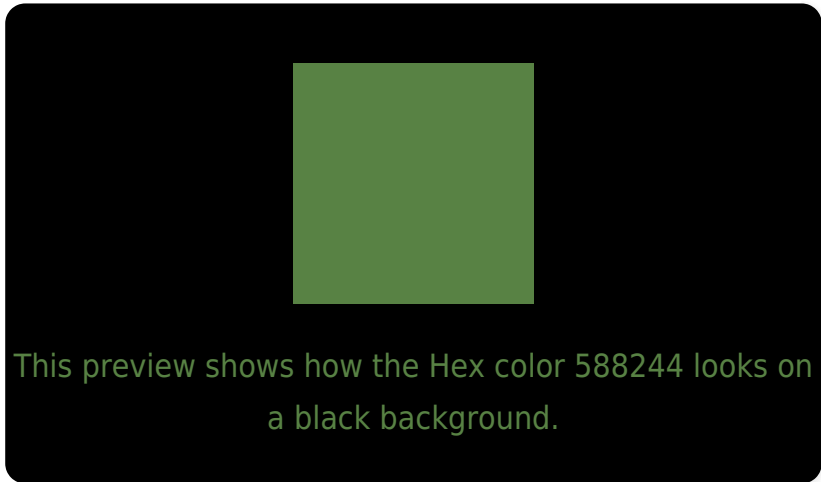
Large Text (above 18pt) WCAG AA ✓ Pass

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 588244 Background



This preview shows how black text looks on a background with the Hex color 588244.



This preview shows how white text looks on a background with the Hex color 588244.

# 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**  
627B85

# Trichromacy



**Original Color**  
588244

**Protanomaly**  
737B41

**Deuteranomaly**  
7C7747

**Tritanomaly**  
5E7E6D

# Monochromacy



**Original Color**  
588244

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
66755F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588244 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 #588244 looks like.

```
.text, #text, p{  
    color:#588244  
}
```

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 #588244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588244
}
```

## Border

The CSS property to change the border of an element to Hex 588244 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
#588244 }
```

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

```
.border{ border-color:#588244 }
```

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

Here you see how a box with a 4 pixel #588244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588244; -webkit-box-shadow:4px 4px  
4px 4px #588244; box-shadow:4px 4px 4px  
4px #588244 }
```

# Background

The CSS property to change the background color of an element to Hex 588244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588244 }
```

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

```
.background{ background-color:#588244 }
```

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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