

Converting Colors

Hex(597458)

Have a look what the booklet for
Hex(597458) contains.

Hex(597458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(597458)

Conversions

Conversions Part 1

Format	Color
Hex	597458
RGB	89, 116, 88
RGB Percent	35%, 45%, 35%
CMY	0.6510, 0.5451, 0.6549
CMYK	0.23, 0.00, 0.24, 0.55
HSL	118°, 14%, 40%
HSV	118°, 24%, 45%
XYZ	12.1267, 15.3192, 11.5503
YIQ	104.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

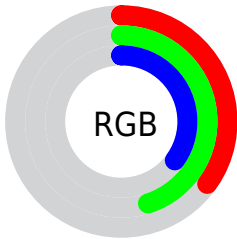
Format	Color
RYB	88, 116, 115
Decimal	5862488
CIELab	46.07, -15.82, 12.34
CIElCh	46, 20.065, 142.055
Yxy	15.3192, 0.3110, 0.3928
Android (android.graphics.Color)	4284052568 (0xFF597458)
YUV	104.7350, -8.2504, -13.7996
Hunter-Lab	39.1398, -13.1900, 9.9011

Details

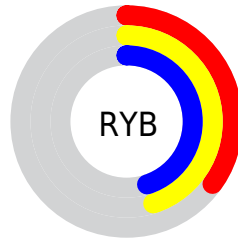
The Hex color **597458** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **735874**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8CA88A**, and **2A442A** is the 20% darker color. If you saturate the color by 10%, you get **4E744C**, and if you desaturate by 10%, it is **647464**.

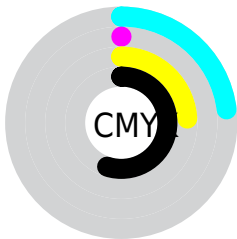
Distribution



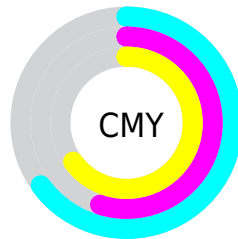
- Red (35%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (55%)



- Cyan (65%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 597458 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 597458 by changing the saturation by 10% instead.

■ 597458

■ 597458

FFFFFF

■ 415B41

■ 8CA88A

■ 2A442A

■ A6C3A4

■ 152D16

■ C1DFBF

■ 001A00

■ DDFCDB

■ 000000

■ FAFFF8

■ 597458

■ 597458

■ 4E744C

■ 647464

■ 437441

■ 6F746F

 377435

 7B747B

 2C742A

 867486

 21741E

 917492

 167412

 9C749E

 0B7407

 A774A9

 047400

 B274B5

 BE74C0

Harmonies

Analogous

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



6C704E



597458



467668

Triad

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



597458



51708E



8F6161

Complementary

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



597458



735874

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.



8B6172



597458



6A6A8C

Square

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



597458



3E7487



7E6582



8A6553

Rectangle

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



597458



3D7774



7E6582



8F6167

Sweetspot

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



597458



8C968C



747358



474D46



CCCCCC



4D4D4D

Same Dimension

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



597458



6C966B



587465



353B35



047A00



09FA00

Inverse Universe

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



735874



956B96



745867



3A353B



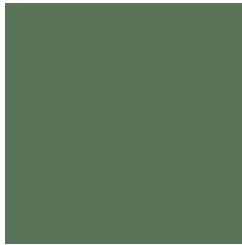
76007A



F100FA

Previews

White Background



This preview shows how the Hex color 597458 looks on a white background.

Color Contrast Check

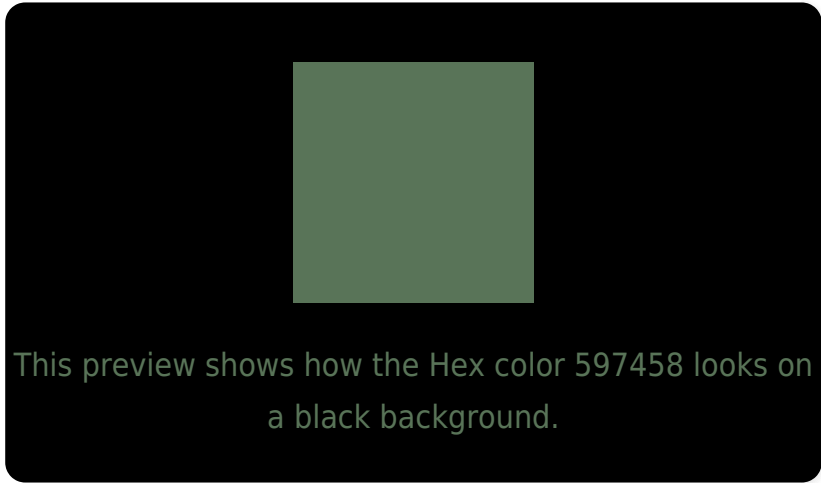
Large Text (above 18pt) WCAG AA ✓ Pass

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

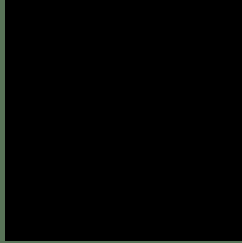
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 597458 Background



This preview shows how black text looks on a background with the Hex color 597458.



This preview shows how white text looks on a background with the Hex color 597458.

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
597458

Protanopia
746D55

Deuteranopia
7E695A



Tritanopia
5F7079

Trichromacy



Original Color
597458

Protanomaly
6A7056

Deuteranomaly
716D59

Tritanomaly
5D716D

Monochromacy



Original Color
597458

Achromatopsia
696969

Achromatomaly
636D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 597458 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 #597458 looks like.

```
.text, #text, p{  
    color:#597458  
}
```

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 #597458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597458
}
```

Border

The CSS property to change the border of an element to Hex 597458 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
#597458 }
```

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

```
.border{ border-color:#597458 }
```

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

Here you see how a box with a 4 pixel #597458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597458; -webkit-box-shadow:4px 4px  
4px 4px #597458; box-shadow:4px 4px 4px  
4px #597458 }
```

Background

The CSS property to change the background color of an element to Hex 597458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597458 }
```

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

```
.background{ background-color:#597458 }
```

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