

Converting Colors

Hex(548F44)

Have a look what the booklet for
Hex(548F44) contains.

Hex(548F44)	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(548F44)

Conversions

Conversions Part 1

Format	Color
Hex	548F44
RGB	84, 143, 68
RGB Percent	33%, 56%, 27%
CMY	0.6706, 0.4392, 0.7333
CMYK	0.41, 0.00, 0.52, 0.44
HSL	107°, 36%, 41%
HSV	107°, 52%, 56%
XYZ	14.5220, 21.9471, 8.9397
YIQ	116.8090, -11.0890, -35.8330

Conversions

Conversions Part 2

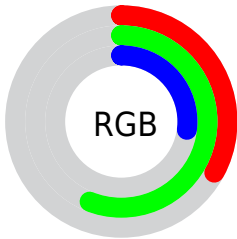
Format	Color
RYB	68, 143, 127
Decimal	5541700
CIELab	53.97, -34.30, 33.71
CIElCh	54, 48.093, 135.493
Yxy	21.9471, 0.3198, 0.4833
Android (android.graphics.Color)	4283731780 (0xFF548F44)
YUV	116.8090, -24.0628, -28.7735
Hunter-Lab	46.8477, -26.6515, 21.4795

Details

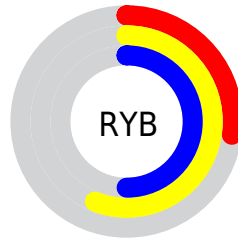
The Hex color **548F44** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F448F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **89C576**, and **1F5C14** is the 20% darker color. If you saturate the color by 10%, you get **498F36**, and if you desaturate by 10%, it is **5F8F52**.

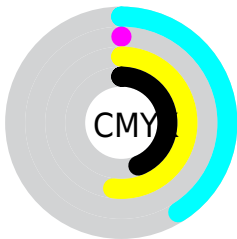
Distribution



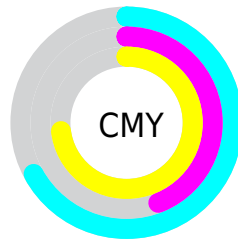
- Red (33%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (52%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 548F44 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 548F44 by changing the saturation by 10% instead.

 548F44

 548F44

FFFFFF

 3A752C

 89C576

 1F5C14

 A4E190

 004400

 C0FEAB

 002D00

 DDFFC7

 001600

 FAFFE3

 000000

 548F44

 548F44

 498F36

 5F8F52


 3E8F27

 6A8F61

 328F19

 768F6F

 278F0B

 818F7D

 1F8F00

 8C8F8C

 978F9A

 A38FA8

 AE8FB6

 B98FC5

Harmonies

Analogous

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



83862B



548F44



00946B

Triad

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



548F44



008BD1



CE5D6D

Complementary

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



548F44



7F448F

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.



C35F97



548F44



5E7ED1

Square

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



548F44



0093BB



9F6DBC



C36847

Rectangle

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



548F44



009588



9F6DBC



CD5C7B

Sweetspot

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



548F44



A3BA9C



8F7F44



505E4C



DEDEDE



5E5E5E

Same Dimension

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



548F44



5EBA45



448F59



424740



1D8700



020800

Inverse Universe

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



7F448F



A145BA



8F447A



464047



6A0087



060008

Previews

White Background



This preview shows how the Hex color 548F44 looks on a white background.

Color Contrast Check

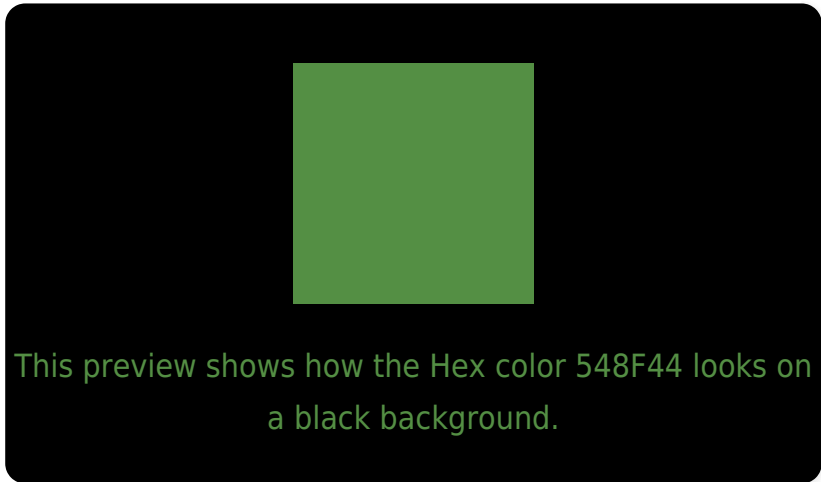
Large Text (above 18pt) WCAG AA ✓ Pass

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 548F44 Background



This preview shows how black text looks on a background with the Hex color 548F44.



This preview shows how white text looks on a background with the Hex color 548F44.

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
548F44

Protanopia
8E813F

Deuteranopia
9C7A49



Tritanopia
628791

Trichromacy



Original Color
548F44

Protanomaly
798641

Deuteranomaly
828247

Tritanomaly
5D8A75

Monochromacy



Original Color
548F44

Achromatopsia
757575

Achromatomaly
697E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 548F44 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 #548F44 looks like.

```
.text, #text, p{  
    color:#548F44  
}
```

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 #548F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #548F44
}
```

Border

The CSS property to change the border of an element to Hex 548F44 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
#548F44 }
```

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

```
.border{ border-color:#548F44 }
```

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

Here you see how a box with a 4 pixel #548F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #548F44; -webkit-box-shadow:4px 4px  
4px 4px #548F44; box-shadow:4px 4px 4px  
4px #548F44 }
```

Background

The CSS property to change the background color of an element to Hex 548F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#548F44 }
```

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

```
.background{ background-color:#548F44 }
```

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