

Converting Colors

Hex(568F50)

Have a look what the booklet for
Hex(568F50) contains.

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Color

Hex(568F50)

Conversions

Conversions Part 1

Format	Color
Hex	568F50
RGB	86, 143, 80
RGB Percent	34%, 56%, 31%
CMY	0.6627, 0.4392, 0.6863
CMYK	0.40, 0.00, 0.44, 0.44
HSL	114°, 28%, 44%
HSV	114°, 44%, 56%
XYZ	15.1082, 22.2025, 11.0787
YIQ	118.7750, -13.7490, -31.6770

Conversions

Conversions Part 2

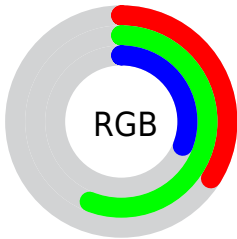
Format	Color
RYB	80, 143, 137
Decimal	5672784
CIELab	54.24, -31.91, 27.74
CIELCh	54, 42.283, 139.007
Yxy	22.2025, 0.3122, 0.4588
Android (android.graphics.Color)	4283862864 (0xFF568F50)
YUV	118.7750, -19.1161, -28.7437
Hunter-Lab	47.1196, -25.2259, 19.0436

Details

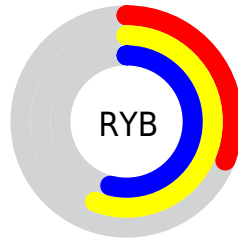
The Hex color **568F50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **89508F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8AC582**, and **225C21** is the 20% darker color. If you saturate the color by 10%, you get **498F42**, and if you desaturate by 10%, it is **638F5E**.

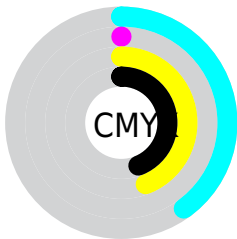
Distribution



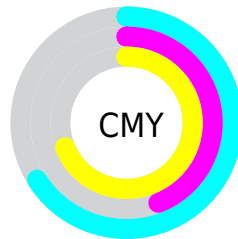
- Red (34%)
- Green (56%)
- Blue (31%)



- Red (31%)
- Yellow (56%)
- Blue (54%)



- Cyan (40%)
- Magenta (0%)
- Yellow (44%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568F50 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 568F50 by changing the saturation by 10% instead.

 568F50

 568F50

FFFFFF

 3C7538

 8AC582

 225C21

 A6E19D

 03440A

 C1FEB8

 002D00

 DEFFD3

 001700

 FBFFF0

 000000

 568F50

 568F50

 498F42

 638F5E

 3C8F33

 708F6D

 2F8F25

 7D8F7B

 228F17

 8A8F89

 158F09

 978F98

 0E8F00

 A48FA6

 B18FB4

 BE8FC2

 CA8FD1

Harmonies

Analogous

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



80873A



568F50



009373

Triad

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



568F50



008AC9



C6646C

Complementary

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



568F50



89508F

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.



BE6491



568F50



6E7DC7

Square

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



568F50



0091B8



A16FB2



BC6E4C

Rectangle

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



568F50



00948C



A16FB2



C66378

Sweetspot

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



568F50



A4BAA2



8F8950



515E4F



DEDEDE



5E5E5E

Same Dimension

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



568F50



61BA57



508F69



414740



0D8700



010800

Inverse Universe

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



89508F



B157BA



8F5076



474047



7A0087



070008

Previews

White Background



This preview shows how the Hex color 568F50 looks on a white background.

Color Contrast Check

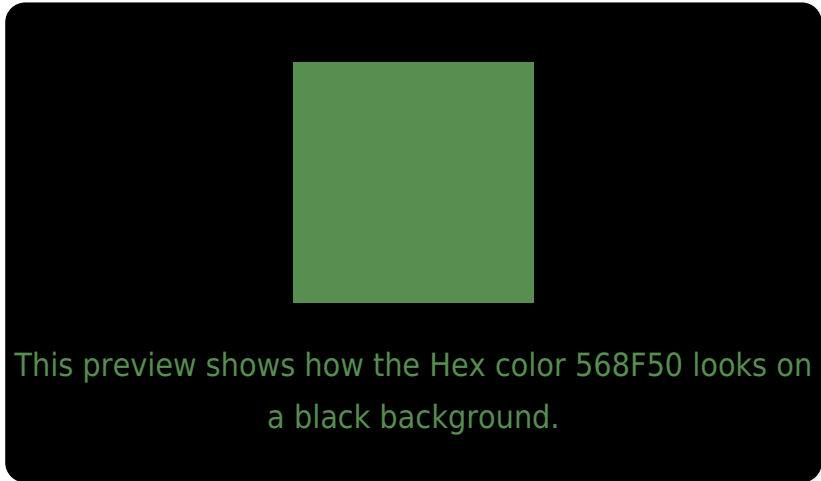
Large Text (above 18pt) WCAG AA ✓ Pass

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

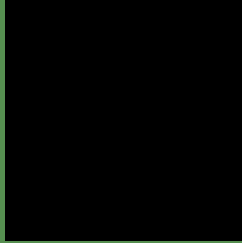
Any Text WCAG AA ✓ Pass

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 568F50 Background



This preview shows how black text looks on a background with the Hex color 568F50.



This preview shows how white text looks on a background with the Hex color 568F50.

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
638792

Trichromacy



Original Color
568F50

Protanomaly
7A864D

Deuteranomaly
828253

Tritanomaly
5E8A7A

Monochromacy



Original Color
568F50

Achromatopsia
777777

Achromatomaly
6B8069

CSS Examples

Text

The CSS property to change the color of the text to Hex 568F50 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 #568F50 looks like.

```
.text, #text, p{  
    color:#568F50  
}
```

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 #568F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568F50  
}
```

Border

The CSS property to change the border of an element to Hex 568F50 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  
#568F50 }
```

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

```
.border{ border-color:#568F50 }
```

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

Here you see how a box with a 4 pixel #568F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568F50; -webkit-box-shadow:4px 4px  
4px 4px #568F50; box-shadow:4px 4px 4px  
4px #568F50 }
```

Background

The CSS property to change the background color of an element to Hex 568F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568F50 }
```

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

```
.background{ background-color:#568F50 }
```

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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