

Converting Colors

Hex(587F48)

Have a look what the booklet for
Hex(587F48) contains.

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Color

Hex(587F48)

Conversions

Conversions Part 1

Format	Color
Hex	587F48
RGB	88, 127, 72
RGB Percent	35%, 50%, 28%
CMY	0.6549, 0.5020, 0.7176
CMYK	0.31, 0.00, 0.43, 0.50
HSL	103°, 28%, 39%
HSV	103°, 43%, 50%
XYZ	12.7836, 17.7213, 8.8777
YIQ	109.0690, -5.5890, -25.3730

Conversions

Conversions Part 2

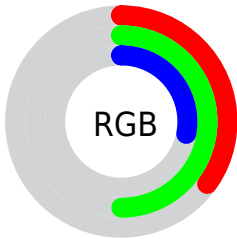
Format	Color
RYB	72, 127, 111
Decimal	5799752
CIELab	49.16, -24.67, 25.61
CIELCh	49, 35.561, 133.923
Yxy	17.7213, 0.3246, 0.4500
Android (android.graphics.Color)	4283989832 (0xFF587F48)
YUV	109.0690, -18.2750, -18.4775
Hunter-Lab	42.0967, -19.4639, 16.9642

Details

The Hex color **587F48** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6F487F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8BB479**, and **274E1A** is the 20% darker color. If you saturate the color by 10%, you get **4F7F3B**, and if you desaturate by 10%, it is **617F55**.

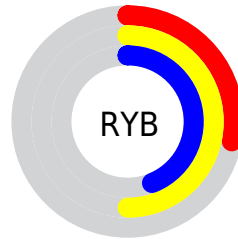
Distribution



Red (35%)

Green (50%)

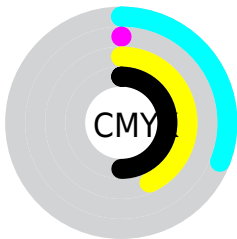
Blue (28%)



Red (28%)

Yellow (50%)

Blue (44%)

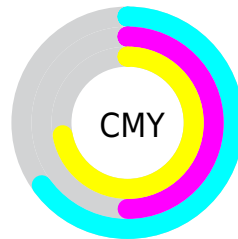


Cyan (31%)

Magenta (0%)

Yellow (43%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587F48 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 587F48 by changing the saturation by 10% instead.

 587F48

 587F48

FFFFFF

 3F6631

 8BB479

 274E1A

 A6D093

 0F3602

 C2ECAE

 002200

 DEFFCA

 000000

 FBF6E6

 587F48

 587F48

 4F7F3B

 617F55

 467F2F

 6A7F61

 3D7F22

 737F6E

 347F15

 7C7F7B

 2B7F09

 857F88

 257F00

 8E7F94

 977FA1

 A07FAE

 A97FBA

Harmonies

Analogous

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



7A7838



587F48



2B8363

Triad

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



587F48



0E7DAE



AE5C68

Complementary

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



587F48



6F487F

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.



A55E86



587F48



5D73AF

Square

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



587F48



00829E



8968A0



A8634C

Rectangle

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



587F48



008478



8968A0



AD5C72

Sweetspot

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



587F48



96A690



7F6F48



4B5447



D4D4D4



545454

Same Dimension

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



587F48



69A650



487F53



3B4039



258000



000000

Inverse Universe

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



6F487F



8D50A6



7F4874



3E3940



5A0080



000000

Previews

White Background



This preview shows how the Hex color 587F48 looks on a white background.

Color Contrast Check

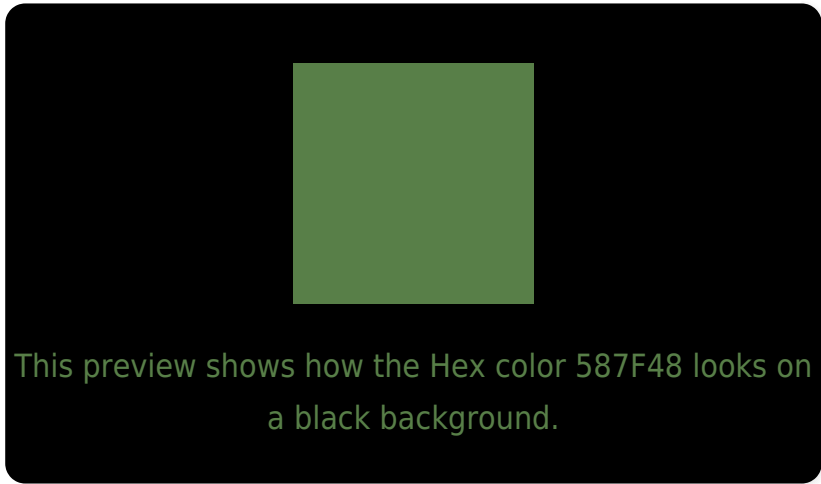
Large Text (above 18pt) WCAG AA ✓ Pass

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

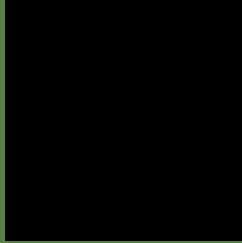
Any Text WCAG AA ✓ Pass

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 587F48 Background



This preview shows how black text looks on a background with the Hex color 587F48.



This preview shows how white text looks on a background with the Hex color 587F48.

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
587F48

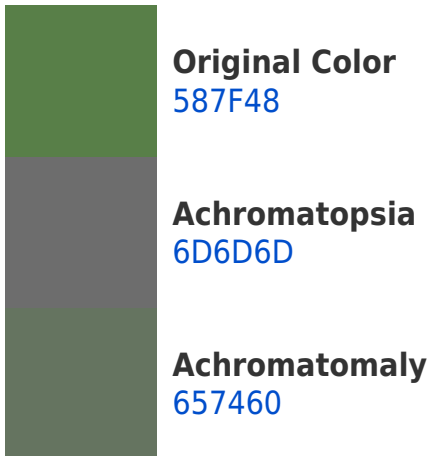
Protanopia
807444

Deuteranopia
8C6F4C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 587F48 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 #587F48 looks like.

```
.text, #text, p{  
    color:#587F48  
}
```

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 #587F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587F48
}
```

Border

The CSS property to change the border of an element to Hex 587F48 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
#587F48 }
```

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

```
.border{ border-color:#587F48 }
```

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

Here you see how a box with a 4 pixel #587F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587F48; -webkit-box-shadow:4px 4px  
4px 4px #587F48; box-shadow:4px 4px 4px  
4px #587F48 }
```

Background

The CSS property to change the background color of an element to Hex 587F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587F48 }
```

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

```
.background{ background-color:#587F48 }
```

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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