

# Converting Colors

Hex(578A4F)

Have a look what the booklet for  
Hex(578A4F) contains.

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# Color

Hex(578A4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	578A4F
RGB	87, 138, 79
RGB Percent	34%, 54%, 31%
CMY	0.6588, 0.4588, 0.6902
CMYK	0.37, 0.00, 0.43, 0.46
HSL	112°, 27%, 43%
HSV	112°, 43%, 54%
XYZ	14.4302, 20.7677, 10.6452
YIQ	116.0250, -11.4570, -29.1610

# Conversions

## Conversions Part 2

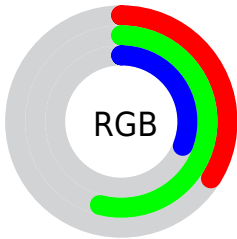
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 138, 130
Decimal	5737039
CIELab	52.69, -29.36, 26.30
CIElCh	53, 39.419, 138.144
Yxy	20.7677, 0.3148, 0.4530
Android (android.graphics.Color)	4283927119 (0xFF578A4F)
YUV	116.0250, -18.2533, -25.4549
Hunter-Lab	45.5716, -23.2283, 18.0505

# Details

The Hex color **578A4F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **824F8A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8BC081**, and **255821** is the 20% darker color. If you saturate the color by 10%, you get **4B8A41**, and if you desaturate by 10%, it is **638A5D**.

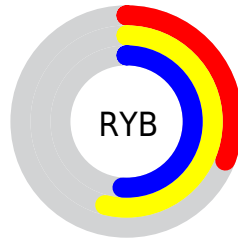
# Distribution



Red (34%)

Green (54%)

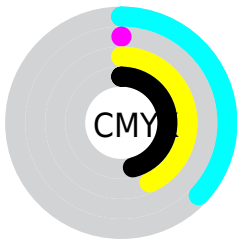
Blue (31%)



Red (31%)

Yellow (54%)

Blue (51%)

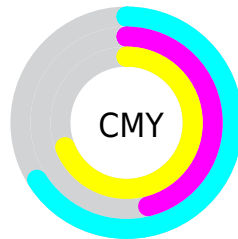


Cyan (37%)

Magenta (0%)

Yellow (43%)

Black (46%)



Cyan (66%)

Magenta (46%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 578A4F 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 578A4F by changing the saturation by 10% instead.





578A4F



578A4F

FFFFFF



3E7037



8BC081



255821



A6DC9B



08400A



C2F8B6



002900



DEFFD2



001100



FBFFEF



000000



578A4F



578A4F



4B8A41



638A5D



3F8A33



6F8A6B

 338A26

 7B8A78

 278A18

 878A86

 1B8A0A

 938A94

 138A00

 9F8AA2

 AB8AB0

 B68ABD

 C28ACB

# Harmonies

## Analogous

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



7E823B



578A4F



1A8E6F

# Triad

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



578A4F



1385C0



BE626A

# Complementary

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



578A4F



824F8A

# 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.



B6638D



578A4F



6B7ABE

# Square

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



578A4F



008CAF



9A6DAB



B46B4D

# Rectangle

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



578A4F



008F86



9A6DAB



BD6176



# Sweetspot

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



578A4F



9EB39B



8A814F



4D594B



D9D9D9



595959



# Same Dimension

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



578A4F



64B357



4F8A64



3F453E



128500



010500



# Inverse Universe

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



824F8A



A657B3



8A4F75



443E45



730085



040005



# Previews

## White Background



This preview shows how the Hex color 578A4F looks on a white background.

## Color Contrast Check

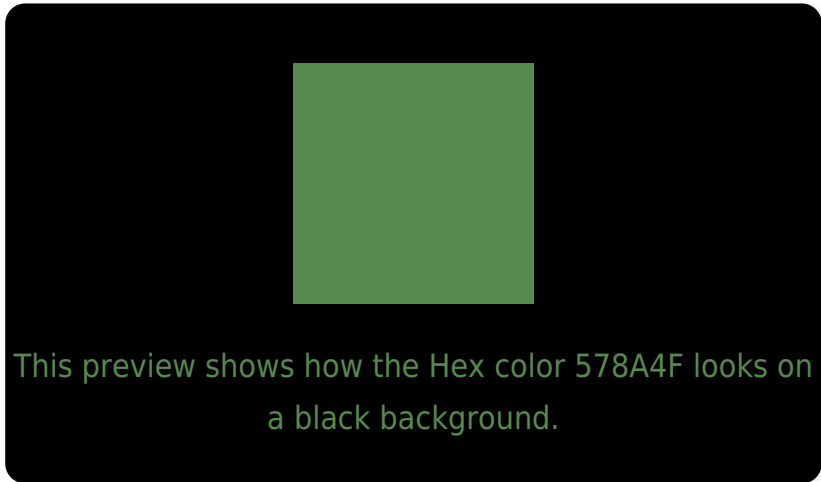
Large Text (above 18pt) WCAG AA ✓ Pass

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

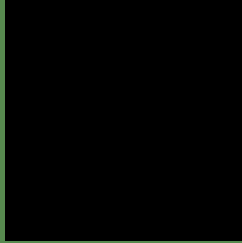
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 578A4F Background



This preview shows how black text looks on a background with the Hex color 578A4F.



This preview shows how white text looks on a background with the Hex color 578A4F.

# 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**  
578A4F

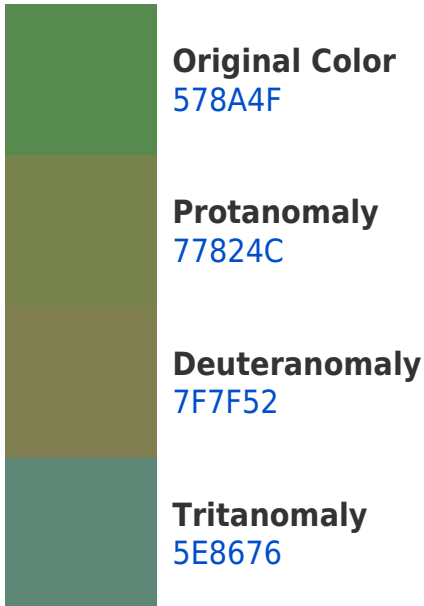
**Protanopia**  
897D4A

**Deuteranopia**  
967853

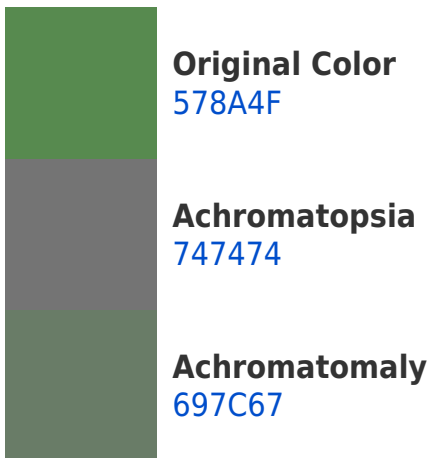


**Tritanopia**  
62838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 578A4F 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 #578A4F looks like.

```
.text, #text, p{  
    color:#578A4F  
}
```

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 #578A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578A4F
}
```

## Border

The CSS property to change the border of an element to Hex 578A4F 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
#578A4F }
```

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

```
.border{ border-color:#578A4F }
```

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

Here you see how a box with a 4 pixel #578A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578A4F; -webkit-box-shadow:4px 4px  
4px 4px #578A4F; box-shadow:4px 4px 4px  
4px #578A4F }
```

# Background

The CSS property to change the background color of an element to Hex 578A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578A4F }
```

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

```
.background{ background-color:#578A4F }
```

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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