

# Converting Colors

Hex(578B4B)

Have a look what the booklet for  
Hex(578B4B) contains.

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**Color**

**Hex(578B4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	578B4B
RGB	87, 139, 75
RGB Percent	34%, 55%, 29%
CMY	0.6588, 0.4549, 0.7059
CMYK	0.37, 0.00, 0.46, 0.45
HSL	109°, 30%, 42%
HSV	109°, 46%, 55%
XYZ	14.4331, 20.9995, 9.9492
YIQ	116.1560, -10.4480, -30.9280

# Conversions

## Conversions Part 2

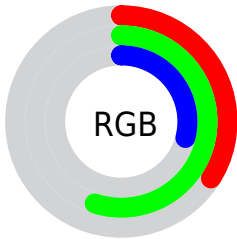
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 139, 127
Decimal	5737291
CIELab	52.95, -30.44, 28.80
CIELCh	53, 41.902, 136.591
Yxy	20.9995, 0.3180, 0.4627
Android (android.graphics.Color)	4283927371 (0xFF578B4B)
YUV	116.1560, -20.2899, -25.5698
Hunter-Lab	45.8252, -23.9737, 19.2050

# Details

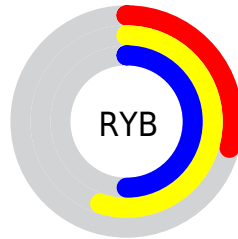
The Hex color **578B4B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F4B8B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8BC17D**, and **24581C** is the 20% darker color. If you saturate the color by 10%, you get **4C8B3D**, and if you desaturate by 10%, it is **628B59**.

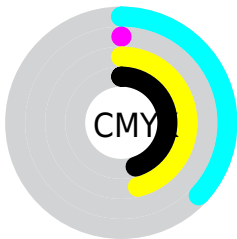
# Distribution



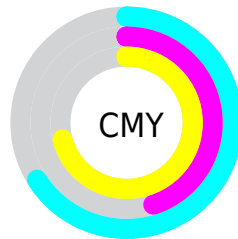
- Red (34%)
- Green (55%)
- Blue (29%)



- Red (29%)
- Yellow (55%)
- Blue (50%)



- Cyan (37%)
- Magenta (0%)
- Yellow (46%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 578B4B 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 578B4B by changing the saturation by 10% instead.



 578B4B

 578B4B

FFFFFF

 3E7133

 8BC17D

 24581C

 A6DD97

 074104

 C2FAB2

 002A00

 DFFFCE

 001200

 FCFFEA

 000000

 578B4B

 578B4B

 4C8B3D

 628B59

 408B2F

 6E8B67

 358B21

 798B75

 2A8B13

 848B83

 1F8B05

 8F8B91

 1A8B00

 9B8B9E

 A68BAC

 B18BBA

 BD8BC8

# Harmonies

## Analogous

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



808336



578B4B



0E906C

# Triad

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



578B4B



0087C4



C2606C

# Complementary

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



578B4B



7F4B8B

# 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.



B96290



578B4B



667BC3

# Square

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



578B4B



008EB2



9A6DB0



B9694C

# Rectangle

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



578B4B



009185



9A6DB0



C16078



# Sweetspot

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



578B4B



A0B59C



8B7E4B



4F5C4C



DBDBDB



5C5C5C



# Same Dimension

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



578B4B



64B551



4B8B5E



3F453E



198500



010500



# Inverse Universe

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



7F4B8B



A251B5



8B4B78



443E45



6C0085



040005



# Previews

## White Background



This preview shows how the Hex color 578B4B looks on a white background.

## Color Contrast Check

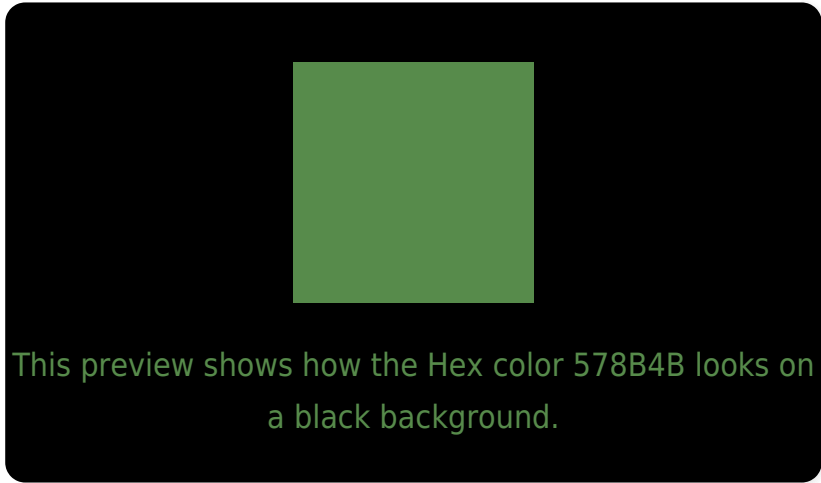
Large Text (above 18pt) WCAG AA ✓ Pass

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

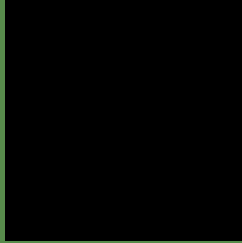
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 578B4B Background



This preview shows how black text looks on a background with the Hex color 578B4B.



This preview shows how white text looks on a background with the Hex color 578B4B.

# 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**  
578B4B

**Protanopia**  
8A7E46

**Deuteranopia**  
987850

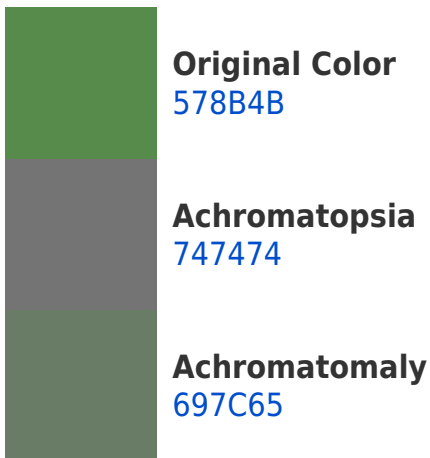


**Tritanopia**  
63838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 578B4B 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 #578B4B looks like.

```
.text, #text, p{  
    color:#578B4B  
}
```

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 #578B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578B4B
}
```

## Border

The CSS property to change the border of an element to Hex 578B4B 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
#578B4B }
```

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

```
.border{ border-color:#578B4B }
```

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

Here you see how a box with a 4 pixel #578B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578B4B; -webkit-box-shadow:4px 4px  
4px 4px #578B4B; box-shadow:4px 4px 4px  
4px #578B4B }
```

# Background

The CSS property to change the background color of an element to Hex 578B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578B4B }
```

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

```
.background{ background-color:#578B4B }
```

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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