

# Converting Colors

Hex(568D4B)

Have a look what the booklet for  
Hex(568D4B) contains.

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**Color**

**Hex(568D4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	568D4B
RGB	86, 141, 75
RGB Percent	34%, 55%, 29%
CMY	0.6627, 0.4471, 0.7059
CMYK	0.39, 0.00, 0.47, 0.45
HSL	110°, 31%, 42%
HSV	110°, 47%, 55%
XYZ	14.6326, 21.5362, 10.0423
YIQ	117.0310, -11.5940, -32.1860

# Conversions

## Conversions Part 2

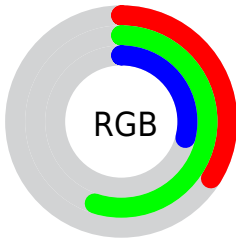
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 141, 130
Decimal	5672267
CIELab	53.53, -31.73, 29.52
CIELCh	54, 43.336, 137.064
Yxy	21.5362, 0.3166, 0.4660
Android (android.graphics.Color)	4283862347 (0xFF568D4B)
YUV	117.0310, -20.7213, -27.2142
Hunter-Lab	46.4071, -24.9296, 19.6549

# Details

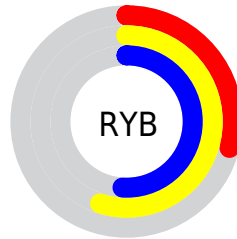
The Hex color **568D4B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **824B8D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8AC37D**, and **235A1C** is the 20% darker color. If you saturate the color by 10%, you get **4A8D3D**, and if you desaturate by 10%, it is **628D59**.

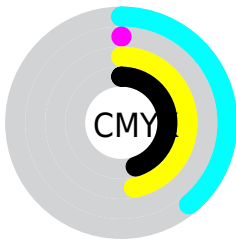
# Distribution



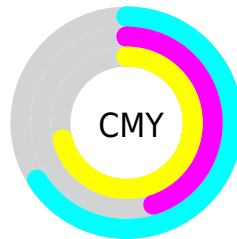
- Red (34%)
- Green (55%)
- Blue (29%)



- Red (29%)
- Yellow (55%)
- Blue (51%)



- Cyan (39%)
- Magenta (0%)
- Yellow (47%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 568D4B 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 568D4B by changing the saturation by 10% instead.





568D4B



568D4B

FFFFFF



3C7333



8AC37D



235A1C



A6DF97



034204



C1FCB2



002B00



DEFFCE



001500



FBFFEA



000000



568D4B



568D4B



4A8D3D



628D59



3E8D2F



6E8D67

 338D21

 798D75

 278D13

 858D83

 1B8D04

 918D92

 178D00

 9D8DA0

 A88DAE

 B48DBC

 C08DCA

# Harmonies

## Analogous

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



818435



568D4B



00926E

# Triad

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



568D4B



0089C8



C6616C

# Complementary

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



568D4B



824B8D

# 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.



BD6292



568D4B



677CC7

# Square

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



568D4B



0090B6



9E6EB3



BC6A4B

# Rectangle

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



568D4B



009388



9E6EB3



C56078



# Sweetspot

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



568D4B



A2B89E



8D824B



4F5C4C



DBDBDB



5C5C5C



# Same Dimension

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



568D4B



62B851



4B8D61



414740



178700



010800



# Inverse Universe

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



824B8D



A651B8



8D4B77



464047



710087



060008



# Previews

## White Background



This preview shows how the Hex color 568D4B looks on a white background.

## Color Contrast Check

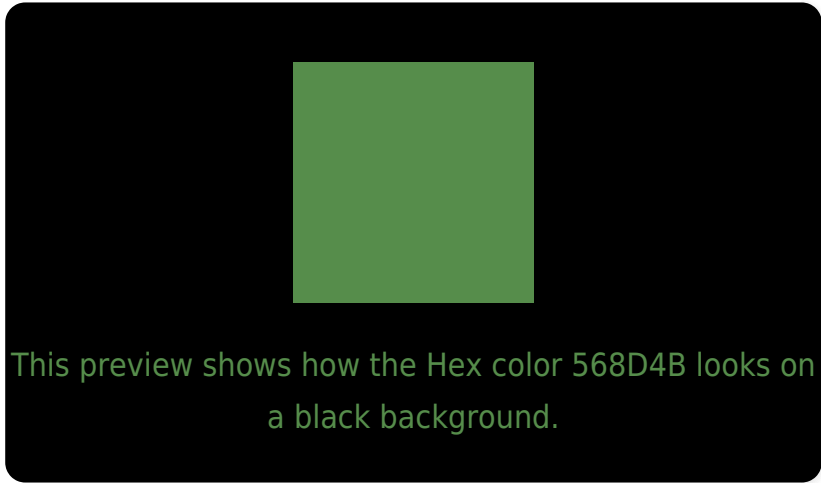
Large Text (above 18pt) WCAG AA ✓ Pass

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

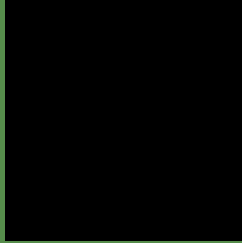
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 568D4B Background



This preview shows how black text looks on a background with the Hex color 568D4B.

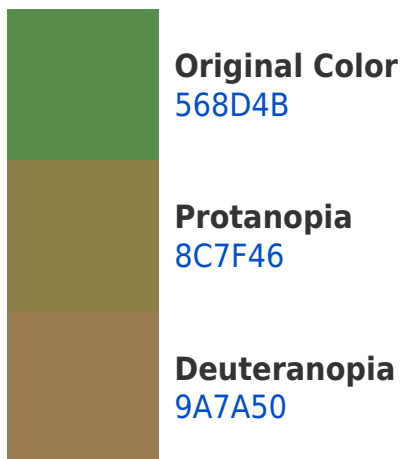


This preview shows how white text looks on a background with the Hex color 568D4B.

# 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**  
638590

# Trichromacy



**Original Color**  
568D4B

**Protanomaly**  
788448

**Deuteranomaly**  
81814E

**Tritanomaly**  
5E8877

# Monochromacy



**Original Color**  
568D4B

**Achromatopsia**  
757575

**Achromatomaly**  
6A7E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568D4B 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 #568D4B looks like.

```
.text, #text, p{  
    color:#568D4B  
}
```

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 #568D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568D4B
}
```

## Border

The CSS property to change the border of an element to Hex 568D4B 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
#568D4B }
```

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

```
.border{ border-color:#568D4B }
```

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

Here you see how a box with a 4 pixel #568D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568D4B; -webkit-box-shadow:4px 4px  
4px 4px #568D4B; box-shadow:4px 4px 4px  
4px #568D4B }
```

# Background

The CSS property to change the background color of an element to Hex 568D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568D4B }
```

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

```
.background{ background-color:#568D4B }
```

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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