

# Converting Colors

Hex(567A5A)

Have a look what the booklet for  
Hex(567A5A) contains.

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# Color

Hex(567A5A)

# Conversions

## Conversions Part 1

Format	Color
Hex	567A5A
RGB	86, 122, 90
RGB Percent	34%, 48%, 35%
CMY	0.6627, 0.5216, 0.6471
CMYK	0.30, 0.00, 0.26, 0.52
HSL	127°, 17%, 41%
HSV	127°, 30%, 48%
XYZ	12.6427, 16.6357, 12.2175
YIQ	107.5880, -11.1840, -17.5840

# Conversions

## Conversions Part 2

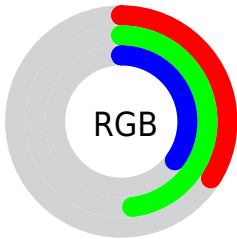
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 118, 122
Decimal	5667418
CIE <sub>Lab</sub>	47.80, -19.76, 13.53
CIE <sub>LCh</sub>	48, 23.946, 145.594
Yxy	16.6357, 0.3047, 0.4009
Android (android.graphics.Color)	4283857498 (0xFF567A5A)
YUV	107.5880, -8.6709, -18.9327
Hunter-Lab	40.7869, -16.0472, 10.7908

# Details

The Hex color **567A5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7A5676**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **89AF8C**, and **27492C** is the 20% darker color. If you saturate the color by 10%, you get **4A7A4F**, and if you desaturate by 10%, it is **627A65**.

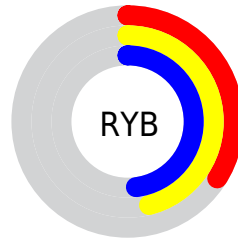
# Distribution



Red (34%)

Green (48%)

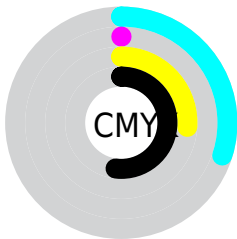
Blue (35%)



Red (34%)

Yellow (46%)

Blue (48%)

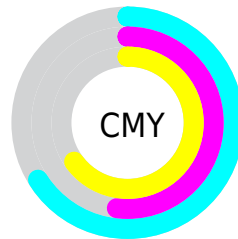


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567A5A 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 567A5A by changing the saturation by 10% instead.





567A5A



567A5A

FFFFFF



3E6142



89AF8C



27492C



A3CAA7



103217



BFE6C2



001E00



DBFFDE



000000



F7FFFA



567A5A



567A5A



4A7A4F



627A65



3E7A44



6E7A70

■ 317A39

■ 7B7A7B

■ 257A2F

■ 877A85

■ 197A24

■ 937A90

■ 0D7A19

■ 9F7A9B

■ 017A0E

■ AB7AA6

■ 007A0E

■ B87AB1

■ C47ABC

# Harmonies

## Analogous

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



6D754D



567A5A



3E7C6E

# Triad

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



567A5A



527499



996361

# Complementary

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



567A5A



7A5676

# 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.



966275



567A5A



706D96

# Square

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



567A5A



367992



886688



926851

# Rectangle

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



567A5A



317C7C



886688



9A6268



# Sweetspot

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



567A5A



909E91



767A56



464F47



CFCFCF



4F4F4F



# Same Dimension

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



567A5A



679E6D



567A6C



373D38



007D0E



00FC1C



# Inverse Universe

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



7A5676



9E6798



7A5664



3D373D



7D006F



FC00E0



# Previews

## White Background



This preview shows how the Hex color 567A5A looks on a white background.

## Color Contrast Check

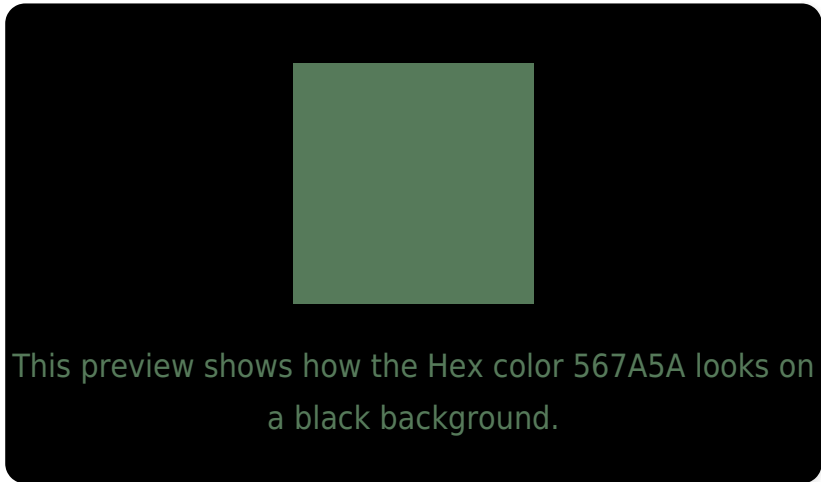
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

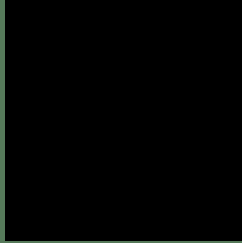
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

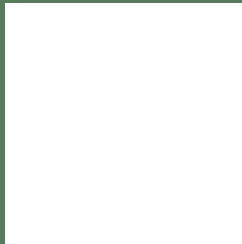
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 567A5A Background



This preview shows how black text looks on a background with the Hex color 567A5A.



This preview shows how white text looks on a background with the Hex color 567A5A.

# 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**  
567A5A

**Protanopia**  
797156

**Deuteranopia**  
836D5D



**Tritanopia**  
5D757F

# Trichromacy



**Original Color**  
567A5A

**Protanomaly**  
6C7457

**Deuteranomaly**  
73725C

**Tritanomaly**  
5A7772

# Monochromacy



**Original Color**  
567A5A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
647165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567A5A 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 #567A5A looks like.

```
.text, #text, p{  
    color:#567A5A  
}
```

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 #567A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567A5A
}
```

## Border

The CSS property to change the border of an element to Hex 567A5A 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
#567A5A }
```

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

```
.border{ border-color:#567A5A }
```

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

Here you see how a box with a 4 pixel #567A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567A5A; -webkit-box-shadow:4px 4px  
4px 4px #567A5A; box-shadow:4px 4px 4px  
4px #567A5A }
```

# Background

The CSS property to change the background color of an element to Hex 567A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567A5A }
```

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

```
.background{ background-color:#567A5A }
```

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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