

# Converting Colors

Hex(567854)

Have a look what the booklet for  
Hex(567854) contains.

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# Color

**Hex(567854)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	567854
RGB	86, 120, 84
RGB Percent	34%, 47%, 33%
CMY	0.6627, 0.5294, 0.6706
CMYK	0.28, 0.00, 0.30, 0.53
HSL	117°, 18%, 40%
HSV	117°, 30%, 47%
XYZ	12.1545, 16.0515, 10.8451
YIQ	105.7300, -8.7080, -18.4040

# Conversions

## Conversions Part 2

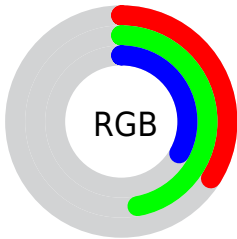
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 120, 118
Decimal	5666900
CIELab	47.04, -19.83, 15.98
CIElCh	47, 25.469, 141.127
Yxy	16.0515, 0.3112, 0.4110
Android (android.graphics.Color)	4283856980 (0xFF567854)
YUV	105.7300, -10.7129, -17.3032
Hunter-Lab	40.0643, -15.9603, 11.9956

# Details

The Hex color **567854** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **765478**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **89AC86**, and **274727** is the 20% darker color. If you saturate the color by 10%, you get **4B7848**, and if you desaturate by 10%, it is **617860**.

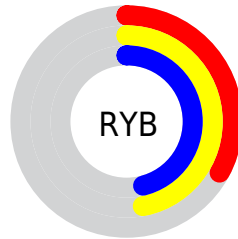
# Distribution



Red (34%)

Green (47%)

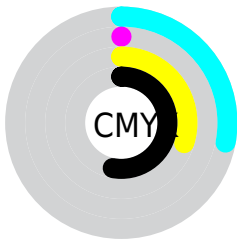
Blue (33%)



Red (33%)

Yellow (47%)

Blue (46%)

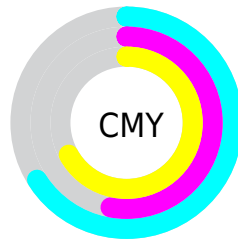


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567854 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 567854 by changing the saturation by 10% instead.



■ 567854

■ 567854

FFFFFF

■ 3E5F3D

■ 89AC86

■ 274727

■ A3C8A0

■ 103112

■ BFE4BB

■ 001D00

■ DBFFD7

■ 000000

■ F7FFF3

■ 567854

■ 567854

■ 4B7848

■ 617860

■ 3F783C

■ 6D786C

■ 347830

■ 787878

■ 297824

■ 837884

■ 1D7818

■ 8F7890

■ 12780C

■ 9A789C

■ 077800

■ A578A8

■ B178B4

■ BC78C0

# Harmonies

## Analogous

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



6F7347



567854



3C7B68

# Triad

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



567854



477499



9A6061

# Complementary

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



567854



765478

# 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.



956077



567854



696C97

# Square

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



567854



287990



84658B



93654F

# Rectangle

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



567854



2B7B77



84658B



9A5F68



# Sweetspot

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



567854



8E9C8E



787654



474F46



CFCFCF



4F4F4F



# Same Dimension

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



567854



679C64



547864



373D37



077D00



0EFC00



# Inverse Universe

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



765478



98649C



785468



3D373D



76007D



EE00FC



# Previews

## White Background



This preview shows how the Hex color 567854 looks on a white background.

## Color Contrast Check

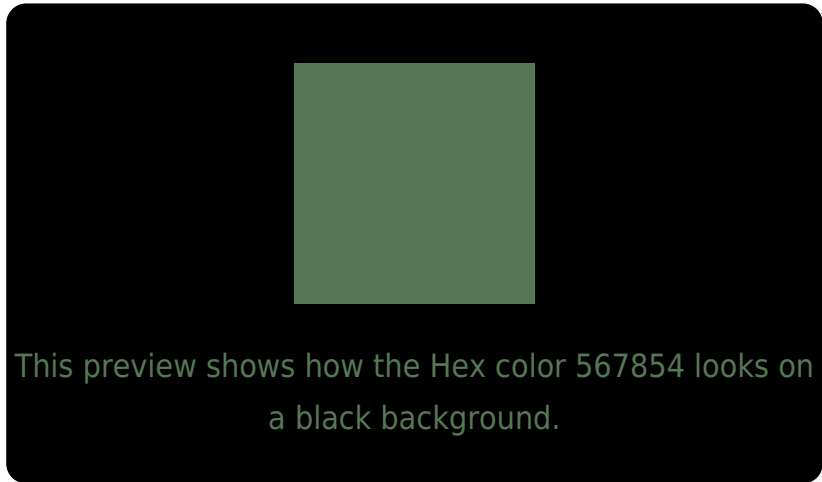
Large Text (above 18pt) WCAG AA ✓ Pass

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

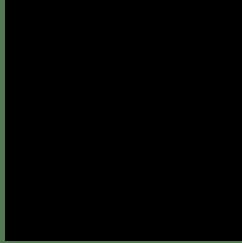
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 567854 Background



This preview shows how black text looks on a background with the Hex color 567854.



This preview shows how white text looks on a background with the Hex color 567854.

# 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**  
567854

**Protanopia**  
786F50

**Deuteranopia**  
826B57



**Tritanopia**  
5D737C

# Trichromacy



**Original Color**  
567854

**Protanomaly**  
6C7251

**Deuteranomaly**  
727056

**Tritanomaly**  
5A756D

# Monochromacy



**Original Color**  
567854

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
636F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567854 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 #567854 looks like.

```
.text, #text, p{  
    color:#567854  
}
```

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 #567854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567854
}
```

## Border

The CSS property to change the border of an element to Hex 567854 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".

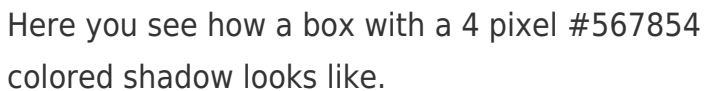
```
.border, #border, table{ border:4px solid
#567854 }
```

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

```
.border{ border-color:#567854 }
```

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

Here you see how a box with a 4 pixel #567854 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567854; -webkit-box-shadow:4px 4px  
4px 4px #567854; box-shadow:4px 4px 4px  
4px #567854 }
```

# Background

The CSS property to change the background color of an element to Hex 567854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567854 }
```

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

```
.background{ background-color:#567854 }
```

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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