

# Converting Colors

Hex(567050)

Have a look what the booklet for  
Hex(567050) contains.

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# Color

**Hex(567050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	567050
RGB	86, 112, 80
RGB Percent	34%, 44%, 31%
CMY	0.6627, 0.5608, 0.6863
CMYK	0.23, 0.00, 0.29, 0.56
HSL	109°, 17%, 38%
HSV	109°, 29%, 44%
XYZ	11.0799, 14.1460, 9.7359
YIQ	100.5780, -5.2240, -15.4640

# Conversions

## Conversions Part 2

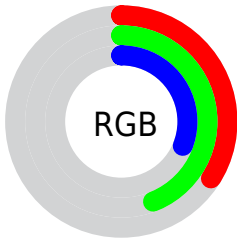
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 112, 106
Decimal	5664848
CIELab	44.44, -16.27, 14.78
CIELCh	44, 21.980, 137.761
Yxy	14.1460, 0.3169, 0.4046
Android (android.graphics.Color)	4283854928 (0xFF567050)
YUV	100.5780, -10.1450, -12.7849
Hunter-Lab	37.6111, -13.2350, 10.9802

# Details

The Hex color **567050** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6A5070**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **88A481**, and **284023** is the 20% darker color. If you saturate the color by 10%, you get **4D7045**, and if you desaturate by 10%, it is **5F705B**.

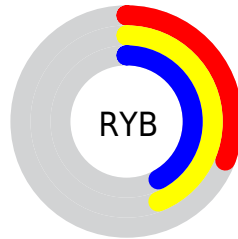
# Distribution



Red (34%)

Green (44%)

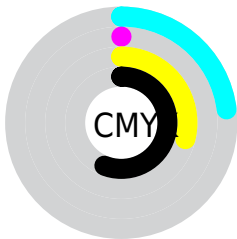
Blue (31%)



Red (31%)

Yellow (44%)

Blue (42%)

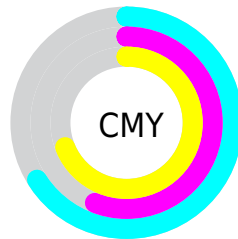


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567050 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 567050 by changing the saturation by 10% instead.



■ 567050

■ 567050

FFFFFF

■ 3E5739

■ 88A481

■ 284023

■ A3BF9B

■ 122A0E

■ BEDBB6

■ 001700

■ DAF7D2

■ 000000

■ F7FFEE

■ 567050

■ 567050


■ 4D7045

■ 5F705B

■ 44703A

■ 687066

 3B702E

 717072

 327023

 7A707D

 297018

 847088

 1F700D

 8D7093

 167002

 96709E

 157000

 9F70AA

 A870B5

# Harmonies

## Analogous

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



6B6B46



567050



417361

# Triad

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



567050



466D8C



8E5C5F

# Complementary

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



567050



6A5070

# 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.



885C71



567050



61678C

# Square

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



567050



307184



796182



895F4F

# Rectangle

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



567050



34736D



796182



8D5B65



# Sweetspot

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



567050



879184



706A50



434A42



C9C9C9



4A4A4A



# Same Dimension

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



567050



699160



50705A



343832



167800



2EF700



# Inverse Universe

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



6A5070



886091



705066



373238



610078



C900F7



# Previews

## White Background



This preview shows how the Hex color 567050 looks on a white background.

## Color Contrast Check

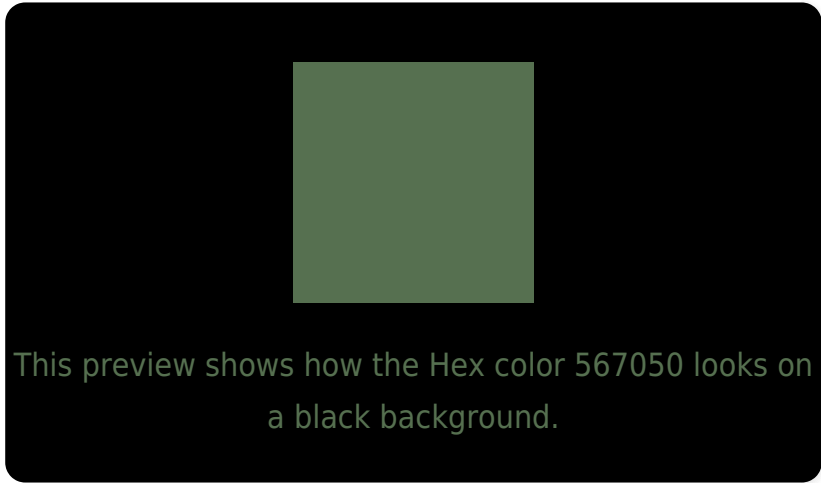
Large Text (above 18pt) WCAG AA ✓ Pass

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

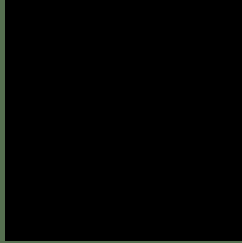
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 567050 Background



This preview shows how black text looks on a background with the Hex color 567050.

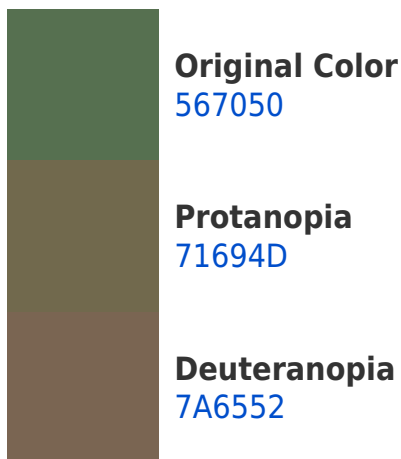


This preview shows how white text looks on a background with the Hex color 567050.

# 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**  
5C6B74

# Trichromacy



**Original Color**  
567050

**Protanomaly**  
676C4E

**Deuteranomaly**  
6D6951

**Tritanomaly**  
5A6D67

# Monochromacy



**Original Color**  
567050

**Achromatopsia**  
656565

**Achromatomaly**  
60695D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567050 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 #567050 looks like.

```
.text, #text, p{  
    color:#567050  
}
```

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 #567050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567050
}
```

## Border

The CSS property to change the border of an element to Hex 567050 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
#567050 }
```

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

```
.border{ border-color:#567050 }
```

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

Here you see how a box with a 4 pixel #567050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567050; -webkit-box-shadow:4px 4px  
4px 4px #567050; box-shadow:4px 4px 4px  
4px #567050 }
```

# Background

The CSS property to change the background color of an element to Hex 567050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567050 }
```

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

```
.background{ background-color:#567050 }
```

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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