

# Converting Colors

Hex(567765)

Have a look what the booklet for  
Hex(567765) contains.

<b>Hex(567765)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(567765)

# Conversions

## Conversions Part 1

Format	Color
Hex	567765
RGB	86, 119, 101
RGB Percent	34%, 47%, 40%
CMY	0.6627, 0.5333, 0.6039
CMYK	0.28, 0.00, 0.15, 0.53
HSL	147°, 16%, 40%
HSV	147°, 28%, 47%
XYZ	12.7835, 16.1117, 14.7480
YIQ	107.0810, -13.8900, -12.5940

# Conversions

## Conversions Part 2

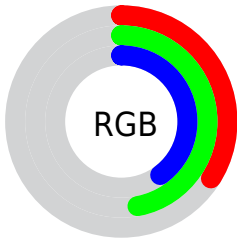
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 109, 119
Decimal	5666661
CIELab	47.12, -15.89, 6.12
CIELCh	47, 17.031, 158.951
Yxy	16.1117, 0.2929, 0.3692
Android (android.graphics.Color)	4283856741 (0xFF567765)
YUV	107.0810, -2.9979, -18.4880
Hunter-Lab	40.1393, -13.3953, 6.3132

# Details

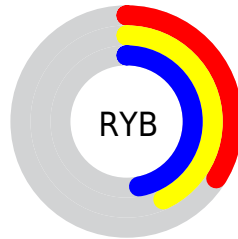
The Hex color **567765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775668**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **89AB98**, and **274636** is the 20% darker color. If you saturate the color by 10%, you get **4A775F**, and if you desaturate by 10%, it is **62776B**.

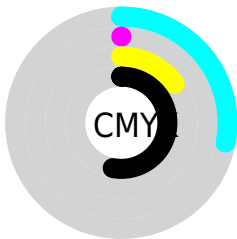
# Distribution



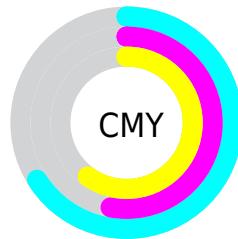
- Red (34%)
- Green (47%)
- Blue (40%)



- Red (34%)
- Yellow (43%)
- Blue (47%)



- Cyan (28%)
- Magenta (0%)
- Yellow (15%)
- Black (53%)



- Cyan (66%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567765 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 567765 by changing the saturation by 10% instead.



 567765

 567765


FFFFFF

 3E5E4D

 89AB98

 274636

 A3C7B3

 113021

 BEE3CE

 001C0A

 DAFFEA

 000000

 F7FFFF

 567765

 567765

 4A775F

 62776B

 3E7758

 6E7772

■ 327752

■ 7A7778

■ 26774B

■ 86777F

■ 1A7745

■ 927785

■ 0F773E

■ 9D778C

■ 037738

■ A97792

■ 007736

■ B57799

■ C1779F

# Harmonies

## Analogous

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



667459



567765



4A7874

# Triad

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



567765



64708C



8C675E

# Complementary

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



567765



775668

# 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.



8D656C



567765



776B86

# Square

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



567765



52748A



86677A



836B55

# Rectangle

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



567765



47777D



86677A



8D6663



# Sweetspot

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



567765



8F9C95



687756



474F4B



CFCFCF



4F4F4F



# Same Dimension

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



567765



689C80



567775



353B37



007A38



00FA72



# Inverse Universe

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



775668



9C6884



775658



3B3538



7A0043



FA0088



# Previews

## White Background



This preview shows how the Hex color 567765 looks on a white background.

## Color Contrast Check

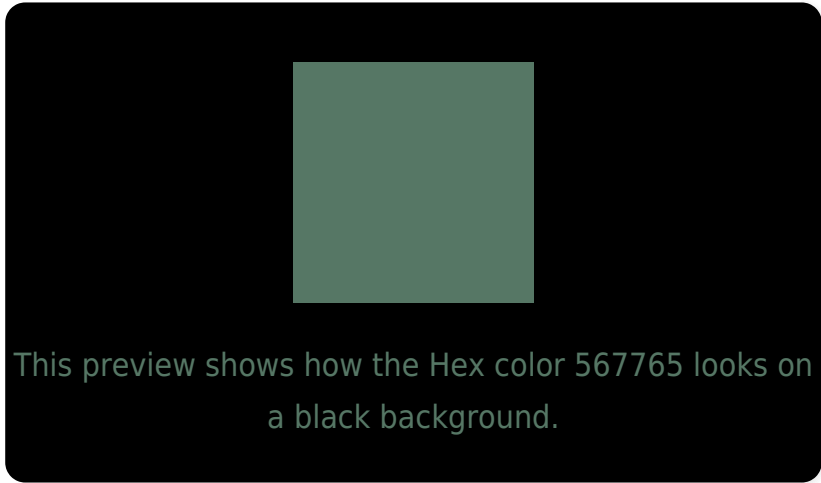
Large Text (above 18pt) WCAG AA ✓ Pass

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

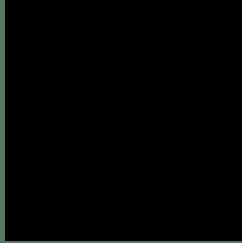
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 567765 Background



This preview shows how black text looks on a background with the Hex color 567765.

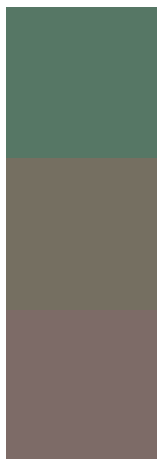


This preview shows how white text looks on a background with the Hex color 567765.

# 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**  
567765

**Protanopia**  
756F61

**Deuteranopia**  
7D6B67



**Tritanopia**  
5B747D

# Trichromacy



**Original Color**  
567765

**Protanomaly**  
6A7262

**Deuteranomaly**  
6F6F66

**Tritanomaly**  
597574

# Monochromacy



**Original Color**  
567765

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
636F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567765 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 #567765 looks like.

```
.text, #text, p{  
    color:#567765  
}
```

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 #567765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567765
}
```

## Border

The CSS property to change the border of an element to Hex 567765 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
#567765 }
```

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

```
.border{ border-color:#567765 }
```

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

Here you see how a box with a 4 pixel #567765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567765; -webkit-box-shadow:4px 4px  
4px 4px #567765; box-shadow:4px 4px 4px  
4px #567765 }
```

# Background

The CSS property to change the background color of an element to Hex 567765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567765 }
```

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

```
.background{ background-color:#567765 }
```

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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