

# Converting Colors

Hex(567774)

Have a look what the booklet for  
Hex(567774) contains.

<b>Hex(567774)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(567774)

# Conversions

## Conversions Part 1

Format	Color
Hex	567774
RGB	86, 119, 116
RGB Percent	34%, 47%, 45%
CMY	0.6627, 0.5333, 0.5451
CMYK	0.28, 0.00, 0.03, 0.53
HSL	175°, 16%, 40%
HSV	175°, 28%, 47%
XYZ	13.5870, 16.4330, 18.9788
YIQ	108.7910, -18.7050, -7.9290

# Conversions

## Conversions Part 2

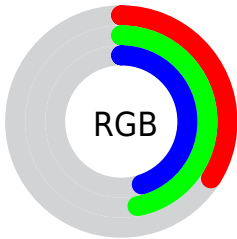
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 103, 119
Decimal	5666676
CIE <sub>Lab</sub>	47.54, -12.43, -2.17
CIE <sub>LCh</sub>	48, 12.622, 189.913
Y <sub>xy</sub>	16.4330, 0.2773, 0.3354
Android (android.graphics.Color)	4283856756 (0xFF567774)
<b>YUV</b>	108.7910, 3.5540, -19.9877
Hunter-Lab	40.5377, -11.1133, 0.6182

# Details

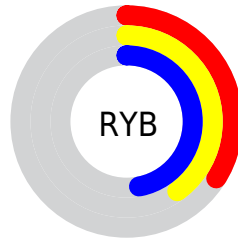
The Hex color **567774** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775659**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **89ABA8**, and **274744** is the 20% darker color. If you saturate the color by 10%, you get **4A7773**, and if you desaturate by 10%, it is **627775**.

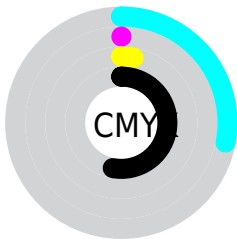
# Distribution



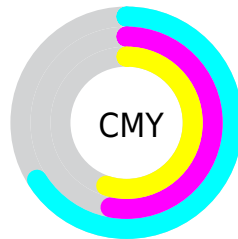
- Red (34%)
- Green (47%)
- Blue (45%)



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



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (66%)
- Magenta (53%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567774 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 567774 by changing the saturation by 10% instead.



■ 567774

■ 567774

FFFFFF

■ 3E5E5B

■ 89ABA8

■ 274744

■ A3C7C3

■ 10302E

■ BFE3DF

■ 001C19

■ DBFFFC

■ 000000

■ F7FFFF

■ 567774

■ 567774

■ 4A7773

■ 627775

■ 3E7772

■ 6E7776

■ 327771

■ 7A7777

■ 267770

■ 867778

■ 1A776F

■ 927779

■ 0F776E

■ 9D777A

■ 03776C

■ A9777C

■ 00776C

■ B5777D

■ C1777E

# Harmonies

## Analogous

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



5E7669



567774



55767E

# Triad

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



567774



776D81



806E5D

# Complementary

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



567774



775659

# 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.



866B64



567774



826A78

# Square

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



567774



697086



87696E



75715C

# Rectangle

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



567774



597583



87696E



826D5F



# Sweetspot

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



567774



8F9C9A



597756



474F4E



CFCFCF



4F4F4F



# Same Dimension

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



567774



689C97



566A77



353B3A



007A6F



00FAE3



# Inverse Universe

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



775659



9C686D



776356



3B3535



7A000B



FA0017



# Previews

## White Background



This preview shows how the Hex color 567774 looks on a white background.

## Color Contrast Check

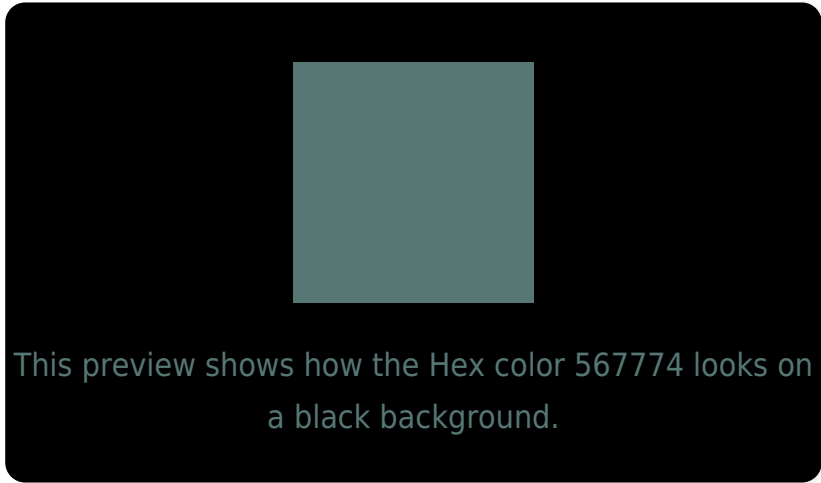
Large Text (above 18pt) WCAG AA ✓ Pass

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

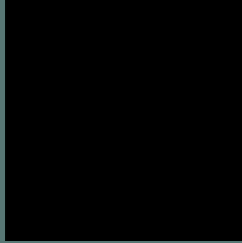
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

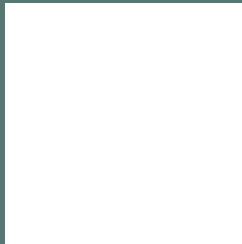
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 567774 Background



This preview shows how black text looks on a background with the Hex color 567774.

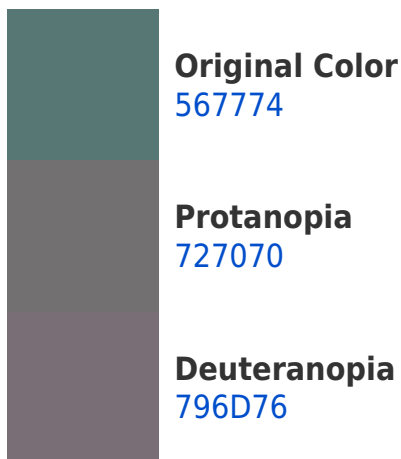



This preview shows how white text looks on a background with the Hex color 567774.

# 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**  
58757F

# Trichromacy



**Original Color**  
567774

**Protanomaly**  
687371

**Deuteranomaly**  
6C7175

**Tritanomaly**  
57767B

# Monochromacy



**Original Color**  
567774

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
657170

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567774 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 #567774 looks like.

```
.text, #text, p{  
    color:#567774  
}
```

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 #567774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567774
}
```

## Border

The CSS property to change the border of an element to Hex 567774 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
#567774 }
```

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

```
.border{ border-color:#567774 }
```

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

Here you see how a box with a 4 pixel #567774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567774; -webkit-box-shadow:4px 4px  
4px 4px #567774; box-shadow:4px 4px 4px  
4px #567774 }
```

# Background

The CSS property to change the background color of an element to Hex 567774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567774 }
```

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

```
.background{ background-color:#567774 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor