

# Converting Colors

Hex(567572)

Have a look what the booklet for  
Hex(567572) contains.

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# Color

Hex(567572)

# Conversions

## Conversions Part 1

Format	Color
Hex	567572
RGB	86, 117, 114
RGB Percent	34%, 46%, 45%
CMY	0.6627, 0.5412, 0.5529
CMYK	0.26, 0.00, 0.03, 0.54
HSL	174°, 15%, 40%
HSV	174°, 26%, 46%
XYZ	13.2363, 15.9159, 18.2940
YIQ	107.3890, -17.5130, -7.5050

# Conversions

## Conversions Part 2

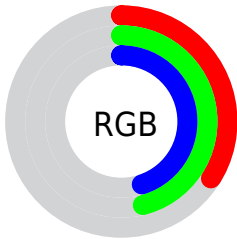
Format	Color
<b>RYB</b>	86, 102, 117
Decimal	5666162
CIELab	46.86, -11.80, -1.97
CIElCh	47, 11.963, 189.499
Yxy	15.9159, 0.2790, 0.3355
Android (android.graphics.Color)	4283856242 (0xFF567572)
YUV	107.3890, 3.2592, -18.7582
Hunter-Lab	39.8948, -10.5930, 0.7385

# Details

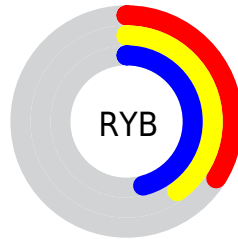
The Hex color **567572** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755659**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **89A9A6**, and **274542** is the 20% darker color. If you saturate the color by 10%, you get **4A7571**, and if you desaturate by 10%, it is **627573**.

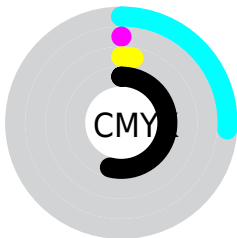
# Distribution



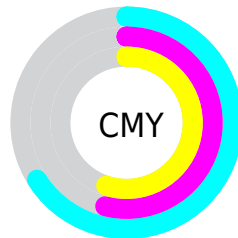
- Red (34%)
- Green (46%)
- Blue (45%)



- Red (34%)
- Yellow (40%)
- Blue (46%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (66%)
- Magenta (54%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567572 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 567572 by changing the saturation by 10% instead.



■ 567572

■ 567572

FFFFFF

■ 3E5C5A

■ 89A9A6

■ 274542

■ A3C4C1

■ 102E2C

■ BEE0DD

■ 001A18

■ DAFDF9

■ 000000

■ F7FFFF

■ 567572

■ 567572

■ 4A7571

■ 627573

■ 3F7570

■ 6D7574

■ 33756F

■ 797575

■ 27756D

■ 857577

■ 1C756C

■ 917578

■ 10756B

■ 9C7579

■ 04756A

■ A8757A

■ 00756A

■ B4757B

■ BF757C

# Harmonies

## Analogous

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



5D7468



567572



55747B

# Triad

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



567572



756B7F



7D6C5D

# Complementary

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



567572



755659

# 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.



836963



567572



7F6976

# Square

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



567572



686F83



84686C



746F5B

# Rectangle

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



567572



597380



84686C



806B5E



# Sweetspot

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



567572



8D9998



597556



454D4C



CCCCCC



4D4D4D



# Same Dimension

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



567572



689994



566975



353B3A



007A6F



00FAE2



# Inverse Universe

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



755659



99686D



756256



3B3535



7A000C



FA0018



# Previews

## White Background



This preview shows how the Hex color 567572 looks on a white background.

## Color Contrast Check

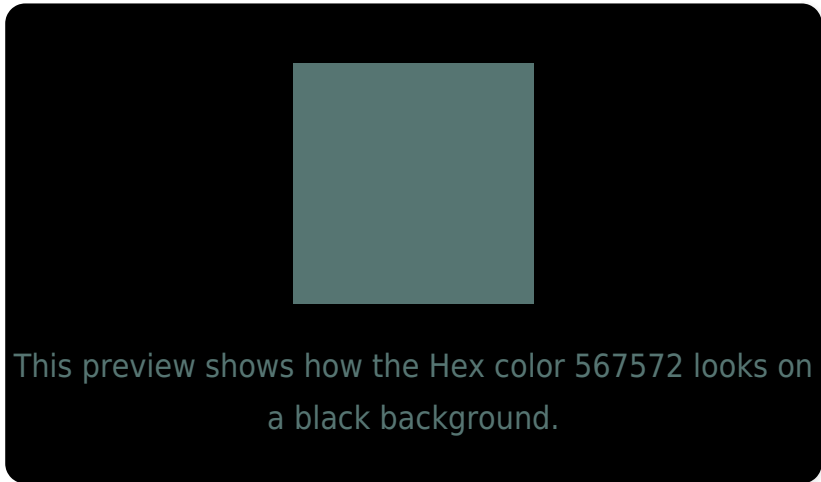
Large Text (above 18pt) WCAG AA ✓ Pass

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

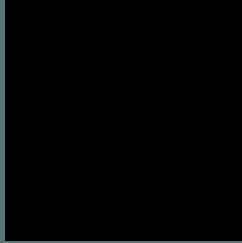
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 567572 Background



This preview shows how black text looks on a background with the Hex color 567572.

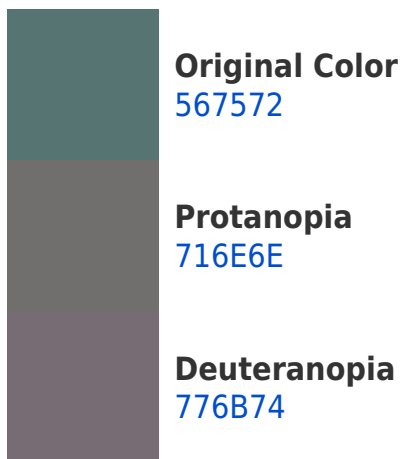


This preview shows how white text looks on a background with the Hex color 567572.

# 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**  
58737D

# Trichromacy



**Original Color**  
567572

**Protanomaly**  
67716F

**Deuteranomaly**  
6B6F73

**Tritanomaly**  
577479

# Monochromacy



**Original Color**  
567572

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
636F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567572 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 #567572 looks like.

```
.text, #text, p{  
    color:#567572  
}
```

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 #567572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567572
}
```

## Border

The CSS property to change the border of an element to Hex 567572 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
#567572 }
```

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

```
.border{ border-color:#567572 }
```

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

Here you see how a box with a 4 pixel #567572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567572; -webkit-box-shadow:4px 4px  
4px 4px #567572; box-shadow:4px 4px 4px  
4px #567572 }
```

# Background

The CSS property to change the background color of an element to Hex 567572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567572 }
```

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

```
.background{ background-color:#567572 }
```

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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