

# Converting Colors

Hex(567A72)

Have a look what the booklet for  
Hex(567A72) contains.

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# Color

Hex(567A72)

# Conversions

## Conversions Part 1

Format	Color
Hex	567A72
RGB	86, 122, 114
RGB Percent	34%, 48%, 45%
CMY	0.6627, 0.5216, 0.5529
CMYK	0.30, 0.00, 0.07, 0.52
HSL	167°, 17%, 41%
HSV	167°, 30%, 48%
XYZ	13.8345, 17.1124, 18.4935
YIQ	110.3240, -18.8880, -10.1200

# Conversions

## Conversions Part 2

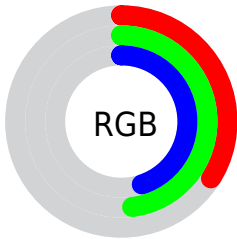
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 106, 122
Decimal	5667442
CIE Lab	48.40, -14.58, 0.28
CIE LCh	48, 14.581, 178.912
Yxy	17.1124, 0.2798, 0.3461
Android (android.graphics.Color)	4283857522 (0xFF567A72)
YUV	110.3240, 1.8123, -21.3321
Hunter-Lab	41.3671, -12.6962, 2.4510

# Details

The Hex color **567A72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A565E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **89AFA6**, and **274942** is the 20% darker color. If you saturate the color by 10%, you get **4A7A6F**, and if you desaturate by 10%, it is **627A75**.

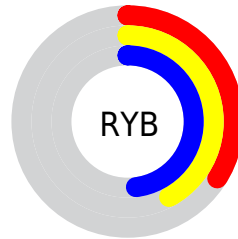
# Distribution



Red (34%)

Green (48%)

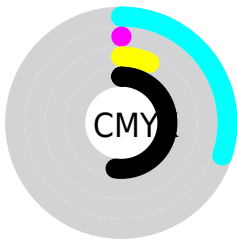
Blue (45%)



Red (34%)

Yellow (42%)

Blue (48%)

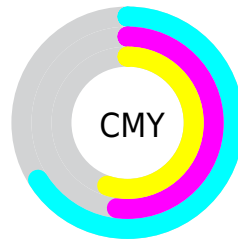


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567A72 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 567A72 by changing the saturation by 10% instead.



■ 567A72

■ 567A72

FFFFFF

■ 3E615A

■ 89AFA6

■ 274942

■ A3CAC1

■ 0F322C

■ BFE6DD

■ 001E18

■ DBFFF9

■ 000000

■ F8FFFF

■ 567A72

■ 567A72

■ 4A7A6F

■ 627A75

■ 3E7A6D

■ 6E7A77

■ 317A6A

■ 7B7A7A

■ 257A67

■ 877A7D

■ 197A64

■ 937A80

■ 0D7A62

■ 9F7A82

■ 017A5F

■ AB7A85

■ 007A5F

■ B87A88

■ C47A8A

# Harmonies

## Analogous

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



617966



567A72



517A7E

# Triad

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



567A72



757088



876E5E

# Complementary

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



567A72



7A565E

# 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.



8C6B68



567A72



836C80

# Square

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



567A72



64748B



8B6A74



7D725A

# Rectangle

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



567A72



547885



8B6A74



8A6D61



# Sweetspot

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



567A72



909E9B



5E7A56



464F4D



CFCFCF



4F4F4F



# Same Dimension

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



567A72



679E92



56707A



373D3C



007D61



00FCC4



# Inverse Universe

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



7A565E



9E6773



7A6056



3D3738



7D001C



FC0038



# Previews

## White Background



This preview shows how the Hex color 567A72 looks on a white background.

## Color Contrast Check

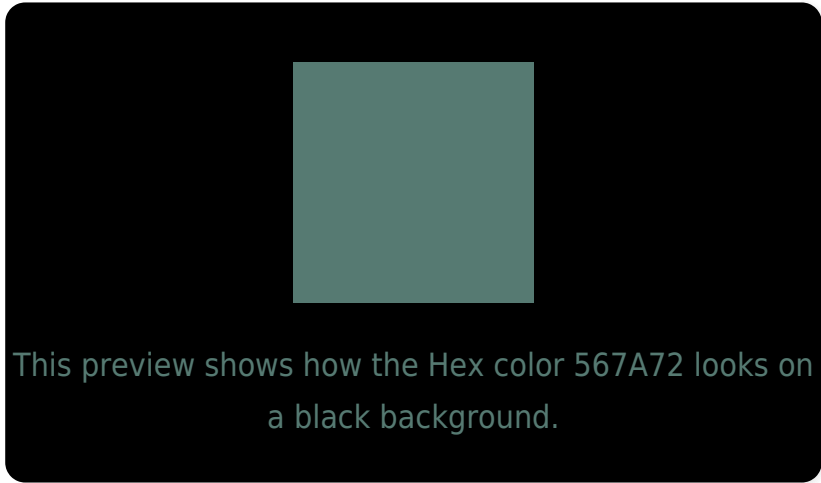
Large Text (above 18pt) WCAG AA ✓ Pass

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

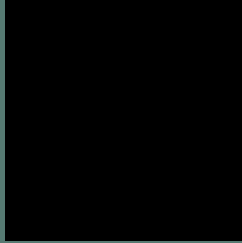
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 567A72 Background



This preview shows how black text looks on a background with the Hex color 567A72.



This preview shows how white text looks on a background with the Hex color 567A72.

# 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**  
567A72

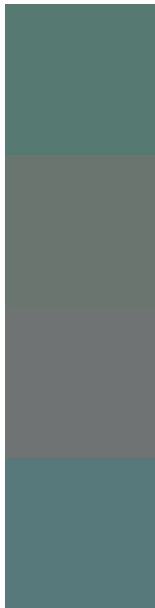
**Protanopia**  
76726E

**Deuteranopia**  
7D6F74



**Tritanopia**  
597881

# Trichromacy



**Original Color**  
567A72

**Protanomaly**  
6A756F

**Deuteranomaly**  
6F7373

**Tritanomaly**  
58797C

# Monochromacy



**Original Color**  
567A72

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
65726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567A72 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 #567A72 looks like.

```
.text, #text, p{  
    color:#567A72  
}
```

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 #567A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567A72
}
```

## Border

The CSS property to change the border of an element to Hex 567A72 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
#567A72 }
```

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

```
.border{ border-color:#567A72 }
```

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

Here you see how a box with a 4 pixel #567A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567A72; -webkit-box-shadow:4px 4px  
4px 4px #567A72; box-shadow:4px 4px 4px  
4px #567A72 }
```

# Background

The CSS property to change the background color of an element to Hex 567A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567A72 }
```

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

```
.background{ background-color:#567A72 }
```

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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