

# Converting Colors

Hex(557C72)

Have a look what the booklet for  
Hex(557C72) contains.

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**Color**

**Hex(557C72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	557C72
RGB	85, 124, 114
RGB Percent	33%, 49%, 45%
CMY	0.6667, 0.5137, 0.5529
CMYK	0.31, 0.00, 0.08, 0.51
HSL	165°, 19%, 41%
HSV	165°, 31%, 49%
XYZ	13.9912, 17.5615, 18.5719
YIQ	111.1990, -20.0340, -11.3780

# Conversions

## Conversions Part 2

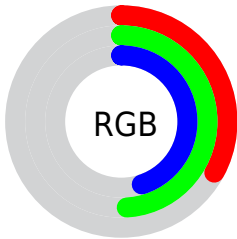
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 107, 124
Decimal	5602418
CIE <sub>Lab</sub>	48.96, -16.00, 1.08
CIE <sub>LCh</sub>	49, 16.033, 176.125
Y <sub>xy</sub>	17.5615, 0.2791, 0.3504
Android (android.graphics.Color)	4283792498 (0xFF557C72)
Y <sub>UV</sub>	111.1990, 1.3809, -22.9765
Hunter-Lab	41.9064, -13.7408, 3.0587

# Details

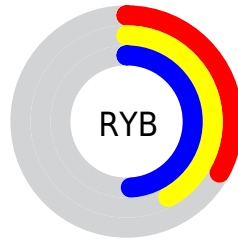
The Hex color **557C72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C555F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **88B1A6**, and **254B42** is the 20% darker color. If you saturate the color by 10%, you get **497C6F**, and if you desaturate by 10%, it is **617C75**.

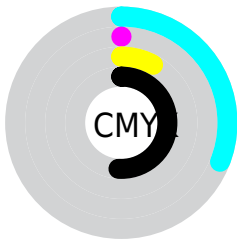
# Distribution



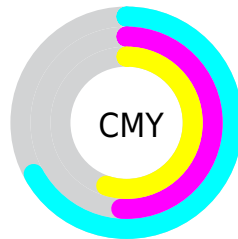
- Red (33%)
- Green (49%)
- Blue (45%)



- Red (33%)
- Yellow (42%)
- Blue (49%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557C72 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 557C72 by changing the saturation by 10% instead.





557C72



557C72

FFFFFF



3D635A



88B1A6



254B42



A3CCC1



0D342C



BEE8DD



001F18



DAFFF9



000000



F7FFFF



557C72



557C72



497C6F



617C75



3C7C6C



6E7C78

■ 307C68

■ 7A7C7C

■ 237C65

■ 877C7F

■ 177C62

■ 937C82

■ 0B7C5F

■ 9F7C85

■ 007C5C

■ AC7C88

■ B87C8B

■ C57C8F

# Harmonies

## Analogous

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



627A65



557C72



4F7C80

# Triad

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



557C72



74718D



8B6E5E

# Complementary

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



557C72



7C555F

# 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.



906B69



557C72



846D84

# Square

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



557C72



62768F



8E6B77



807359

# Rectangle

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



557C72



507B87



8E6B77



8E6D61



# Sweetspot

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



557C72



92A19D



5F7C55



49524F



D1D1D1



525252



# Same Dimension

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



557C72



64A191



55737C



373D3C



007D5D



00FCBC



# Inverse Universe

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



7C555F



A16473



7C5E55



3D3739



7D0020



FC0041



# Previews

## White Background



This preview shows how the Hex color 557C72 looks on a white background.

## Color Contrast Check

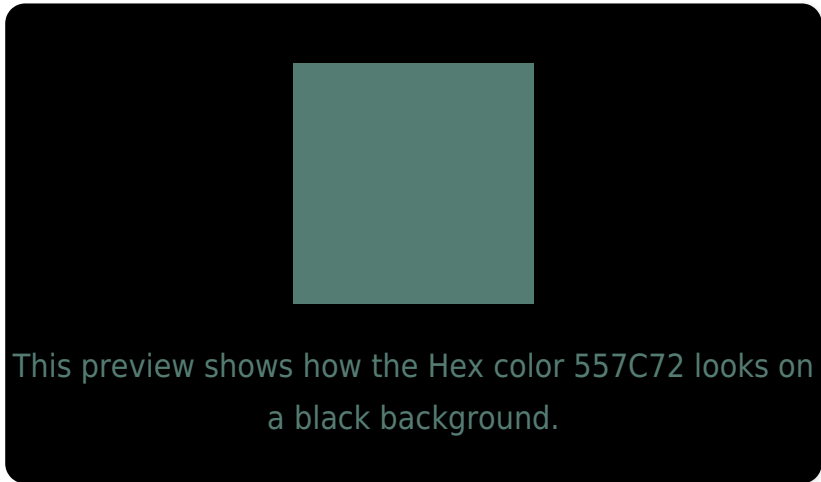
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

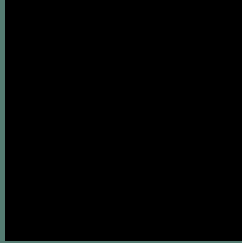
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 557C72 Background



This preview shows how black text looks on a background with the Hex color 557C72.

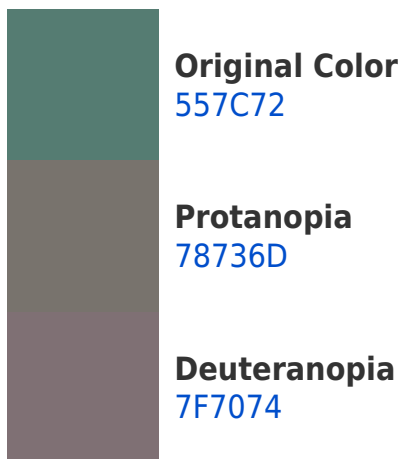


This preview shows how white text looks on a background with the Hex color 557C72.

# 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](#).

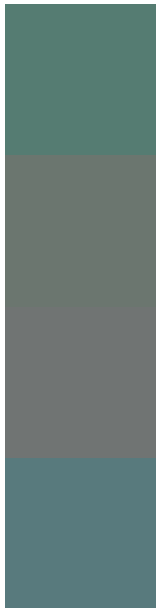
## Dichromacy





**Tritanopia**  
597983

# Trichromacy



**Original Color**  
557C72

**Protanomaly**  
6B766F

**Deuteranomaly**  
707473

**Tritanomaly**  
587A7D

# Monochromacy



**Original Color**  
557C72

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
667470

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557C72 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 #557C72 looks like.

```
.text, #text, p{  
    color:#557C72  
}
```

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 #557C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557C72
}
```

## Border

The CSS property to change the border of an element to Hex 557C72 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
#557C72 }
```

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

```
.border{ border-color:#557C72 }
```

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

Here you see how a box with a 4 pixel #557C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557C72; -webkit-box-shadow:4px 4px  
4px 4px #557C72; box-shadow:4px 4px 4px  
4px #557C72 }
```

# Background

The CSS property to change the background color of an element to Hex 557C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557C72 }
```

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

```
.background{ background-color:#557C72 }
```

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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