

# Converting Colors

Hex(547E70)

Have a look what the booklet for  
Hex(547E70) contains.

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# Color

**Hex(547E70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	547E70
RGB	84, 126, 112
RGB Percent	33%, 49%, 44%
CMY	0.6706, 0.5059, 0.5608
CMYK	0.33, 0.00, 0.11, 0.51
HSL	160°, 20%, 41%
HSV	160°, 33%, 49%
XYZ	14.0416, 17.9764, 18.0589
YIQ	111.8460, -20.5380, -13.2580

# Conversions

## Conversions Part 2

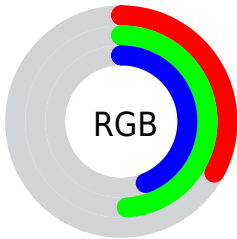
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 109, 126
Decimal	5537392
CIE <sub>Lab</sub>	49.47, -17.87, 2.99
CIE <sub>LCh</sub>	49, 18.116, 170.502
Yxy	17.9764, 0.2804, 0.3590
Android (android.graphics.Color)	4283727472 (0xFF547E70)
YUV	111.8460, 0.0759, -24.4209
Hunter-Lab	42.3986, -15.0815, 4.4254

# Details

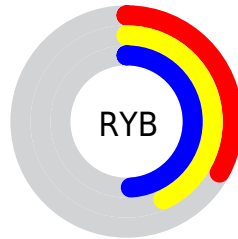
The Hex color **547E70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5462**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **87B3A4**, and **244D40** is the 20% darker color. If you saturate the color by 10%, you get **477E6C**, and if you desaturate by 10%, it is **617E74**.

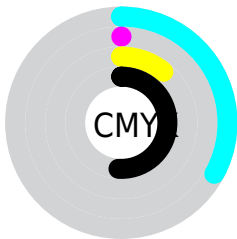
# Distribution



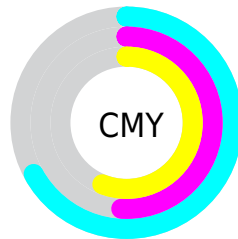
- Red (33%)
- Green (49%)
- Blue (44%)



- Red (33%)
- Yellow (43%)
- Blue (49%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547E70 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 547E70 by changing the saturation by 10% instead.



■ 547E70

■ 547E70

FFFFFF

■ 3C6558

■ 87B3A4

■ 244D40

■ A2CEBF

■ 0B362A

■ BDEBDB

■ 002016

■ D9FFF7

■ 000000

■ F6FFFF

■ 547E70

■ 547E70

■ 477E6C

■ 617E74

■ 3B7E68

■ 6D7E78

■ 2E7E63

■ 7A7E7D

■ 227E5F

■ 867E81

■ 157E5B

■ 937E85

■ 087E57

■ A07E89

■ 007E54

■ AC7E8D

■ B97E92

■ C57E96

# Harmonies

## Analogous

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



647C62



547E70



4A7E80

# Triad

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



547E70



727392



916E5F

# Complementary

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



547E70



7E5462

# 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.



956B6C



547E70



856E89

# Square

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



547E70



5D7894



916B7B



867358

# Rectangle

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



547E70



4A7D89



916B7B



936D62



# Sweetspot

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



547E70



93A39E



627E54



48524E



D1D1D1



525252



# Same Dimension

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



547E70



62A38D



54777E



39403E



008055



000000



# Inverse Universe

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



7E5462



A36278



7E5B54



40393C



80002B



000000



# Previews

## White Background



This preview shows how the Hex color 547E70 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

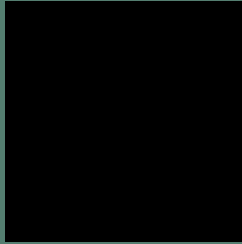
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 547E70 Background



This preview shows how black text looks on a background with the Hex color 547E70.

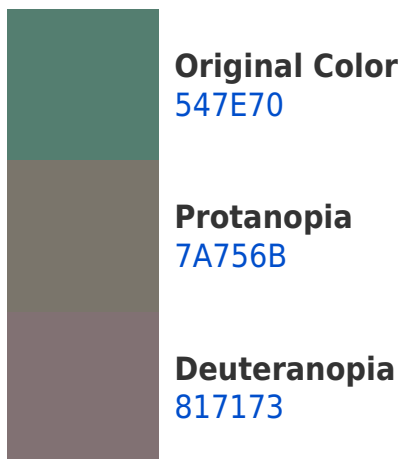


This preview shows how white text looks on a background with the Hex color 547E70.

# 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](#).

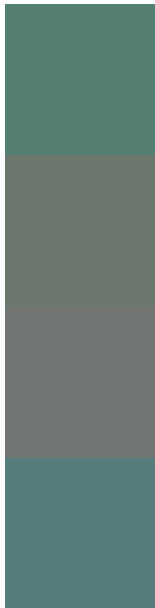
## Dichromacy





**Tritanopia**  
597B85

# Trichromacy



**Original Color**  
547E70

**Protanomaly**  
6C786D

**Deuteranomaly**  
717672

**Tritanomaly**  
577C7D

# Monochromacy



**Original Color**  
547E70

**Achromatopsia**  
707070

**Achromatomaly**  
667570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547E70 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 #547E70 looks like.

```
.text, #text, p{  
    color:#547E70  
}
```

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 #547E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547E70
}
```

## Border

The CSS property to change the border of an element to Hex 547E70 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
#547E70 }
```

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

```
.border{ border-color:#547E70 }
```

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

Here you see how a box with a 4 pixel #547E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547E70; -webkit-box-shadow:4px 4px  
4px 4px #547E70; box-shadow:4px 4px 4px  
4px #547E70 }
```

# Background

The CSS property to change the background color of an element to Hex 547E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547E70 }
```

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

```
.background{ background-color:#547E70 }
```

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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