

# Converting Colors

Hex(557A75)

Have a look what the booklet for  
Hex(557A75) contains.

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# Color

Hex(557A75)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 557A75                      |
| RGB         | 85, 122, 117                |
| RGB Percent | 33%, 48%, 46%               |
| CMY         | 0.6667, 0.5216, 0.5412      |
| CMYK        | 0.30, 0.00, 0.04, 0.52      |
| HSL         | 172°, 18%, 41%              |
| HSV         | 172°, 30%, 48%              |
| XYZ         | 13.9167, 17.1347, 19.4035   |
| YIQ         | 110.3670, -20.4470, -9.3990 |

# Conversions

## Conversions Part 2

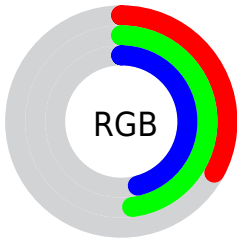
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 85, 105, 122                  |
| Decimal                             | 5601909                       |
| CIE <sub>Lab</sub>                  | 48.43, -14.18, -1.46          |
| CIE <sub>LCh</sub>                  | 48, 14.254, 185.889           |
| Yxy                                 | 17.1347, 0.2758,<br>0.3396    |
| Android<br>(android.graphics.Color) | 4283791989<br>(0xFF557A75)    |
| YUV                                 | 110.3670, 3.2701,<br>-22.2469 |
| Hunter-Lab                          | 41.3941, -12.4278,<br>1.1837  |

# Details

The Hex color **557A75** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A555A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **88AFA9**, and **254945** is the 20% darker color. If you saturate the color by 10%, you get **497A73**, and if you desaturate by 10%, it is **617A77**.

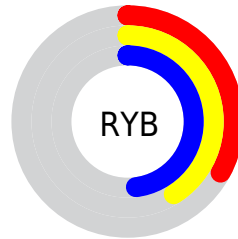
# Distribution



Red (33%)

Green (48%)

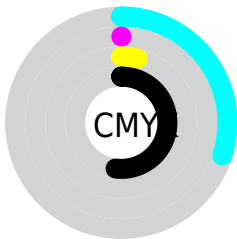
Blue (46%)



Red (33%)

Yellow (41%)

Blue (48%)

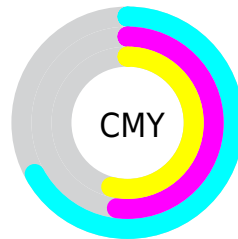


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557A75 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 557A75 by changing the saturation by 10% instead.





557A75



557A75

FFFFFF



3D615C



88AFA9



254945



A3CAC4



0D332F



BEE6E0



001E1A



DAFFFD



000000



F7FFFF



557A75



557A75



497A73



617A77



3D7A72



6D7A78

■ 307A70

■ 7A7A7A

■ 247A6E

■ 867A7C

■ 187A6D

■ 927A7D

■ 0C7A6B

■ 9E7A7F

■ 007A6A

■ AA7A81

■ B77A82

■ C37A84

# Harmonies

## Analogous

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



5F7969



557A75



537981

# Triad

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



557A75



786F86



856F5D

# Complementary

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



557A75



7A555A

# 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.



8B6C65



557A75



856C7D

# Square

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



557A75



68738B



8B6B71



7A735B

# Rectangle

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



557A75



567886



8B6B71



886E60



# Sweetspot

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



557A75



909E9C



5B7A55



464F4E



CFCFCF



4F4F4F



# Same Dimension

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



557A75



659E96



556D7A



373D3C



007D6C



00FCDA



# Inverse Universe

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



7A555A



9E656D



7A6255



3D3738



7D0011



FC0022



# Previews

## White Background



This preview shows how the Hex color 557A75 looks on a white background.

## Color Contrast Check

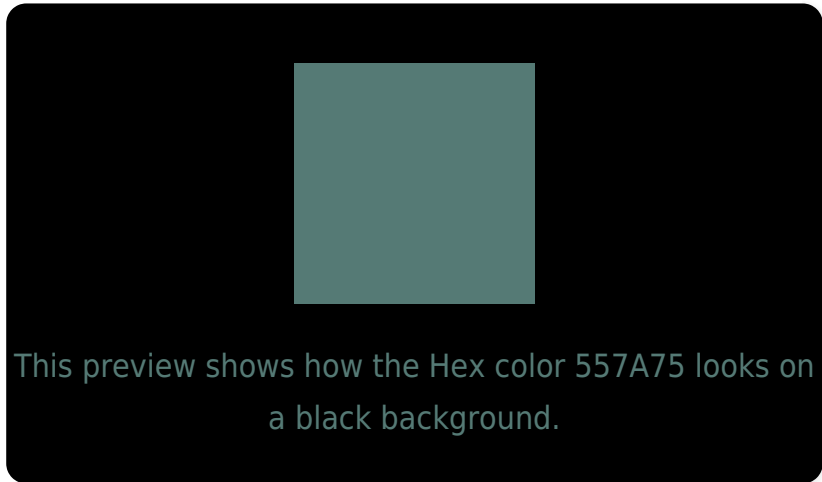
Large Text (above 18pt) WCAG AA ✓ Pass

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

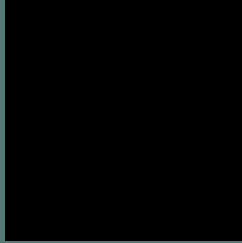
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 557A75 Background



This preview shows how black text looks on a background with the Hex color 557A75.



This preview shows how white text looks on a background with the Hex color 557A75.

# 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**  
587882

# Trichromacy



**Original Color**  
557A75

**Protanomaly**  
697572

**Deuteranomaly**  
6E7376

**Tritanomaly**  
57797D

# Monochromacy



**Original Color**  
557A75

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
657271

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557A75 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 #557A75 looks like.

```
.text, #text, p{  
    color:#557A75  
}
```

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 #557A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557A75
}
```

## Border

The CSS property to change the border of an element to Hex 557A75 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
#557A75 }
```

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

```
.border{ border-color:#557A75 }
```

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

Here you see how a box with a 4 pixel #557A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557A75; -webkit-box-shadow:4px 4px  
4px 4px #557A75; box-shadow:4px 4px 4px  
4px #557A75 }
```

# Background

The CSS property to change the background color of an element to Hex 557A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557A75 }
```

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

```
.background{ background-color:#557A75 }
```

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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