

Converting Colors

Hex(558E7C)

Have a look what the booklet for
Hex(558E7C) contains.

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Color

Hex(558E7C)

Conversions

Conversions Part 1

Format	Color
Hex	558E7C
RGB	85, 142, 124
RGB Percent	33%, 56%, 49%
CMY	0.6667, 0.4431, 0.5137
CMYK	0.40, 0.00, 0.13, 0.44
HSL	161°, 25%, 45%
HSV	161°, 40%, 56%
XYZ	17.0574, 22.7325, 22.5576
YIQ	122.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

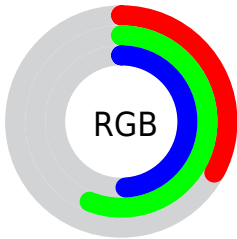
Format	Color
R_{YB}	85, 119, 142
Decimal	5607036
CIE _{Lab}	54.80, -23.12, 3.72
CIE _{LCh}	55, 23.422, 170.863
Yxy	22.7325, 0.2736, 0.3646
Android (android.graphics.Color)	4283797116 (0xFF558E7C)
YUV	122.9050, 0.5398, -33.2427
Hunter-Lab	47.6786, -19.5779, 5.3239

Details

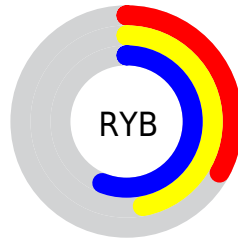
The Hex color **558E7C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E5567**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **89C4B0**, and **225B4B** is the 20% darker color. If you saturate the color by 10%, you get **478E78**, and if you desaturate by 10%, it is **638E80**.

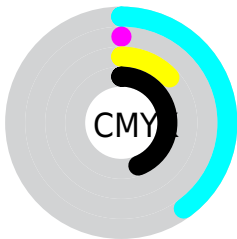
Distribution



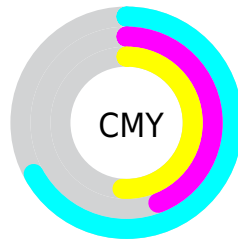
- Red (33%)
- Green (56%)
- Blue (49%)



- Red (33%)
- Yellow (47%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558E7C 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 558E7C by changing the saturation by 10% instead.

■ 558E7C

■ 558E7C

FFFFFF

■ 3C7463

■ 89C4B0

■ 225B4B

■ A4E0CC

■ 034435

■ C0FDE8

■ 002D1F

■ DCFFFF

■ 001A08

■ F9FFFF

■ 000000

■ 558E7C

■ 558E7C

■ 478E78

■ 638E80

■ 398E73

■ 718E85

 2A8E6F

 808E89

 1C8E6A

 8E8E8E

 0E8E66

 9C8E92

 008E61

 AA8E97

 B88E9B

 C78EA0

 D58EA4

Harmonies

Analogous

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



6C8B69



558E7C



458E91

Triad

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



558E7C



7E80A9



A67965

Complementary

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



558E7C



8E5567

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.



AC7576



558E7C



97799D

Square

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



558E7C



6087AB



A7758A



97805B

Rectangle

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



558E7C



458D9D



A7758A



A9776A

Sweetspot

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



558E7C



A2B8B1



678E55



4F5C58



DBDBDB



5C5C5C

Same Dimension

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



558E7C



5FB89C



55848E



404745



00875C



000805

Inverse Universe

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



8E5567



B85F7B



8E5F55



474043



87002B



080002

Previews

White Background



This preview shows how the Hex color 558E7C looks on a white background.

Color Contrast Check

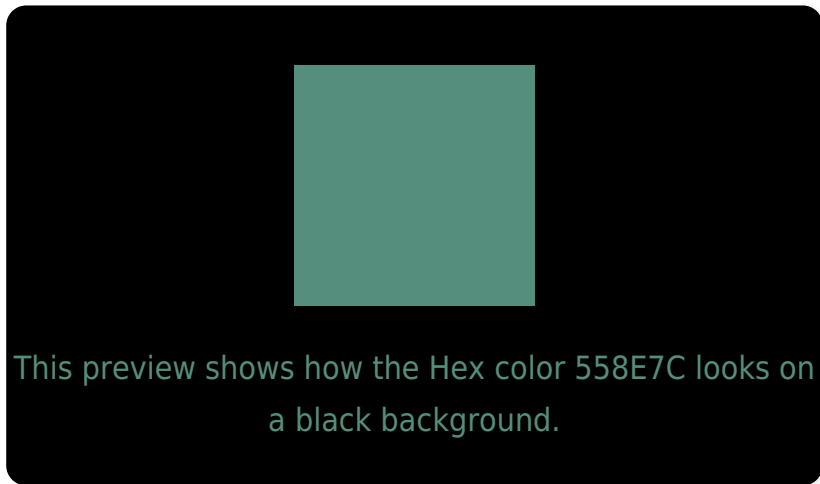
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

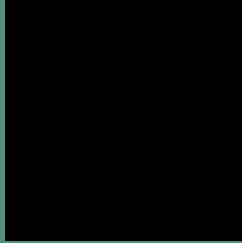
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

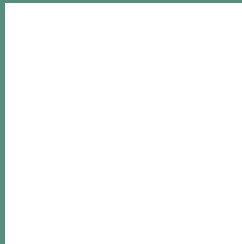
Any Text WCAG AAA × Fail

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

Hex 558E7C Background



This preview shows how black text looks on a background with the Hex color 558E7C.

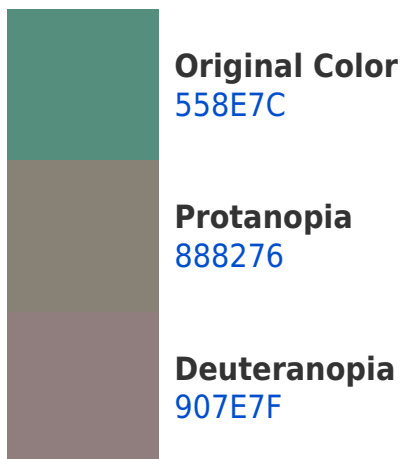



This preview shows how white text looks on a background with the Hex color 558E7C.

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](#).

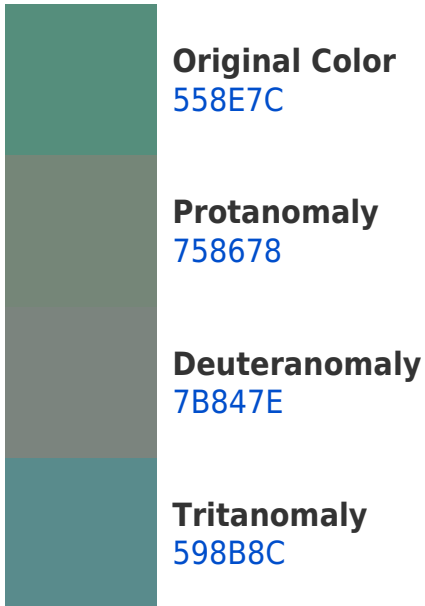
Dichromacy



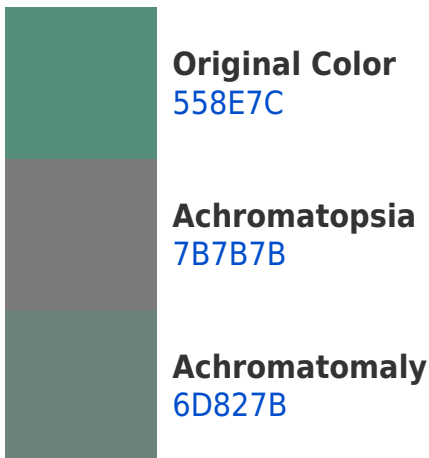


Tritanopia
5B8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 558E7C 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 #558E7C looks like.

```
.text, #text, p{  
    color:#558E7C  
}
```

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 #558E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558E7C
}
```

Border

The CSS property to change the border of an element to Hex 558E7C 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
#558E7C }
```

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

```
.border{ border-color:#558E7C }
```

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

Here you see how a box with a 4 pixel #558E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558E7C; -webkit-box-shadow:4px 4px  
4px 4px #558E7C; box-shadow:4px 4px 4px  
4px #558E7C }
```

Background

The CSS property to change the background color of an element to Hex 558E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558E7C }
```

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

```
.background{ background-color:#558E7C }
```

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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