

Converting Colors

Hex(558C78)

Have a look what the booklet for
Hex(558C78) contains.

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Color

Hex(558C78)

Conversions

Conversions Part 1

Format	Color
Hex	558C78
RGB	85, 140, 120
RGB Percent	33%, 55%, 47%
CMY	0.6667, 0.4510, 0.5294
CMYK	0.39, 0.00, 0.14, 0.45
HSL	158°, 24%, 44%
HSV	158°, 39%, 55%
XYZ	16.5146, 22.0435, 21.1537
YIQ	121.2750, -26.3600, -17.8800

Conversions

Conversions Part 2

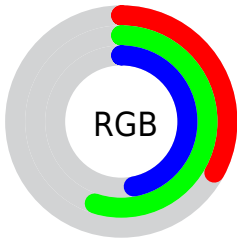
Format	Color
RYB	85, 119, 140
Decimal	5606520
CIELab	54.07, -23.03, 4.98
CIElCh	54, 23.566, 167.798
Yxy	22.0435, 0.2766, 0.3692
Android (android.graphics.Color)	4283796600 (0xFF558C78)
YUV	121.2750, -0.6286, -31.8132
Hunter-Lab	46.9505, -19.3772, 6.1521

Details

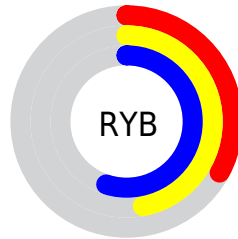
The Hex color **558C78** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C5569**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **89C2AC**, and **235A48** is the 20% darker color. If you saturate the color by 10%, you get **478C73**, and if you desaturate by 10%, it is **638C7D**.

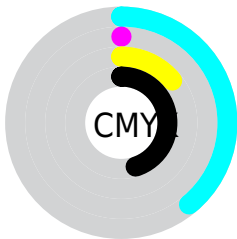
Distribution



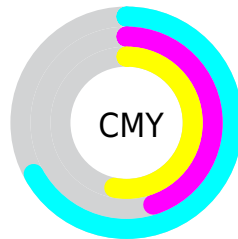
- Red (33%)
- Green (55%)
- Blue (47%)



- Red (33%)
- Yellow (47%)
- Blue (55%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558C78 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 558C78 by changing the saturation by 10% instead.



558C78



558C78

FFFFFF



3C725F



89C2AC



235A48



A4DEC8



054231



C0FBE4



002B1C



DCFFFF



001702



F9FFFF



000000



558C78



558C78



478C73



638C7D



398C6E



718C82

 2B8C69


 7F8C87

 1D8C64

 8D8C8C

 0F8C5F

 9B8C91

 018C59

 A98C97

 008C59

 B78C9C

 C58CA1

 D38CA6

Harmonies

Analogous

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



6C8965



558C78



448D8D

Triad

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



558C78



797FA8



A57764

Complementary

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



558C78



8C5569

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.



AA7376



558C78



93789D

Square

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



558C78



5B86A9



A4738A



977D5A

Rectangle

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



558C78



428B99



A4738A



A87569

Sweetspot

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



558C78



9FB5AD



698C55



4F5C57



DBDBDB



5C5C5C

Same Dimension

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



558C78



60B596



55858C



3E4542



008554



000503

Inverse Universe

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



8C5569



B5607F



8C5C55



453E40



850030



050002

Previews

White Background



This preview shows how the Hex color 558C78 looks on a white background.

Color Contrast Check

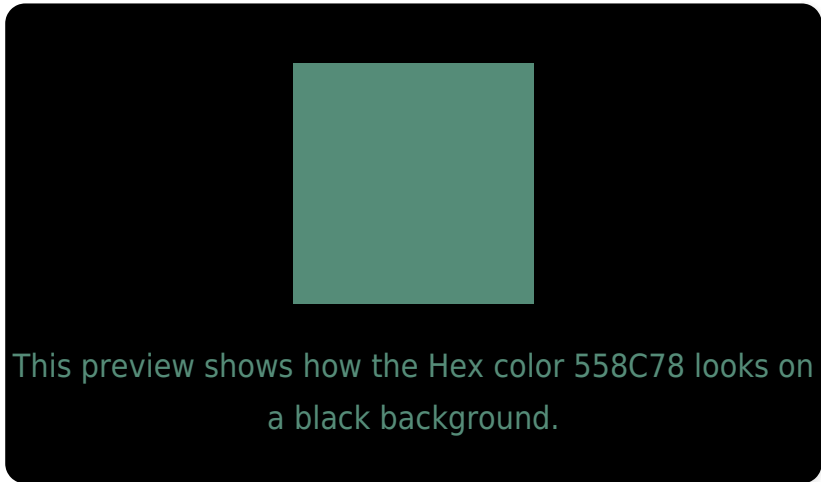
Large Text (above 18pt) WCAG AA ✓ Pass

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

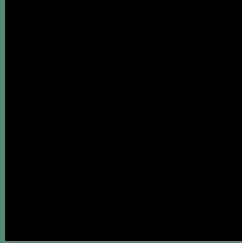
Any Text WCAG AA ✓ Pass

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 558C78 Background



This preview shows how black text looks on a background with the Hex color 558C78.

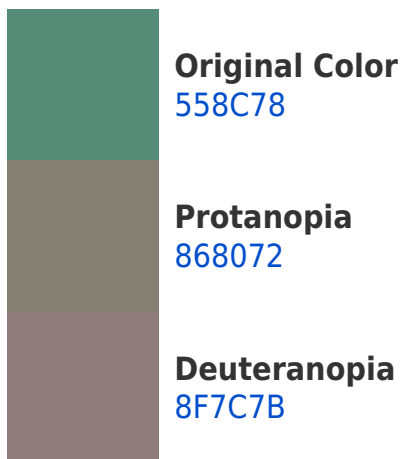


This preview shows how white text looks on a background with the Hex color 558C78.

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
5C8893

Trichromacy



Original Color
558C78

Protanomaly
748474

Deuteranomaly
7A827A

Tritanomaly
598989

Monochromacy



Original Color
558C78

Achromatopsia
797979

Achromatomaly
6C8079

CSS Examples

Text

The CSS property to change the color of the text to Hex 558C78 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 #558C78 looks like.

```
.text, #text, p{  
    color:#558C78  
}
```

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 #558C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558C78
}
```

Border

The CSS property to change the border of an element to Hex 558C78 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
#558C78 }
```

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

```
.border{ border-color:#558C78 }
```

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

Here you see how a box with a 4 pixel #558C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558C78; -webkit-box-shadow:4px 4px  
4px 4px #558C78; box-shadow:4px 4px 4px  
4px #558C78 }
```

Background

The CSS property to change the background color of an element to Hex 558C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558C78 }
```

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

```
.background{ background-color:#558C78 }
```

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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