

Converting Colors

Hex(558EA8)

Have a look what the booklet for
Hex(558EA8) contains.

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Color

Hex(558EA8)

Conversions

Conversions Part 1

Format	Color
Hex	558EA8
RGB	85, 142, 168
RGB Percent	33%, 56%, 66%
CMY	0.6667, 0.4431, 0.3412
CMYK	0.49, 0.15, 0.00, 0.34
HSL	199°, 33%, 50%
HSV	199°, 49%, 66%
XYZ	20.4872, 24.1045, 40.6186
YIQ	127.9210, -42.3180, -3.9980

Conversions

Conversions Part 2

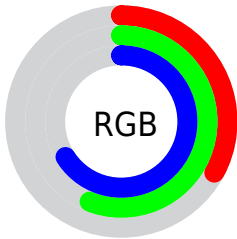
Format	Color
R_{YB}	85, 119, 168
Decimal	5607080
CIE _{Lab}	56.19, -11.38, -19.50
CIE _{LCh}	56, 22.583, 239.733
Yxy	24.1045, 0.2404, 0.2829
Android (android.graphics.Color)	4283797160 (0xFF558EA8)
YUV	127.9210, 19.7589, -37.6417
Hunter-Lab	49.0963, -11.4329, -14.6847

Details

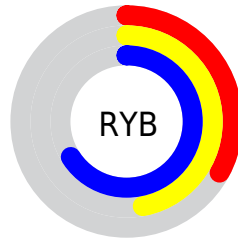
The Hex color **558EA8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A86F55**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8BC4DF**, and **1B5C74** is the 20% darker color. If you saturate the color by 10%, you get **4489A8**, and if you desaturate by 10%, it is **6693A8**.

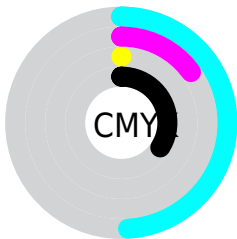
Distribution



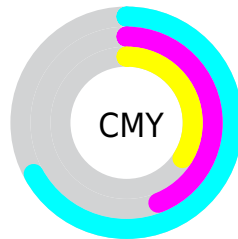
- Red (33%)
- Green (56%)
- Blue (66%)



- Red (33%)
- Yellow (47%)
- Blue (66%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558EA8 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 558EA8 by changing the saturation by 10% instead.

■ 558EA8

■ 558EA8

FFFFFF

■ 3A748E

■ 8BC4DF

■ 1B5C74

■ A7E0FC

■ 00445B

■ C3FCFF

■ 002E44

■ E0FFFF

■ 001A2D

FEFFFF

■ 000119

■ 000000

■ 558EA8

■ 558EA8

■ 4489A8

■ 6693A8

■ 3383A8

■ 7799A8

■ 237EA8

■ 879EA8

■ 1279A8

■ 98A3A8

■ 0174A8

■ A9A8A8

■ 0073A8

■ BAAEA8

■ CBB3A8

■ DBB8A8

■ ECBDA8

Harmonies

Analogous

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



4B9199



558EA8



6E89AE

Triad

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



558EA8



AC7888



808B64

Complementary

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



558EA8



A86F55

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.



958560



558EA8



AE7A74

Square

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



558EA8



A07C9B



A57F65



6A9072

Rectangle

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



558EA8



8184AB



A57F65



878A62

Sweetspot

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



558EA8



BAD1DB



55A86E



5A676E



EDEDED



6E6E6E

Same Dimension

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



558EA8



5AB3DB



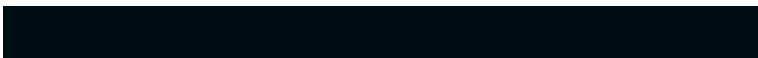
5566A8



4C5254



006694



000E14

Inverse Universe

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



A8558E



DB5AB3



A89755



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 558EA8 looks on a white background.

Color Contrast Check

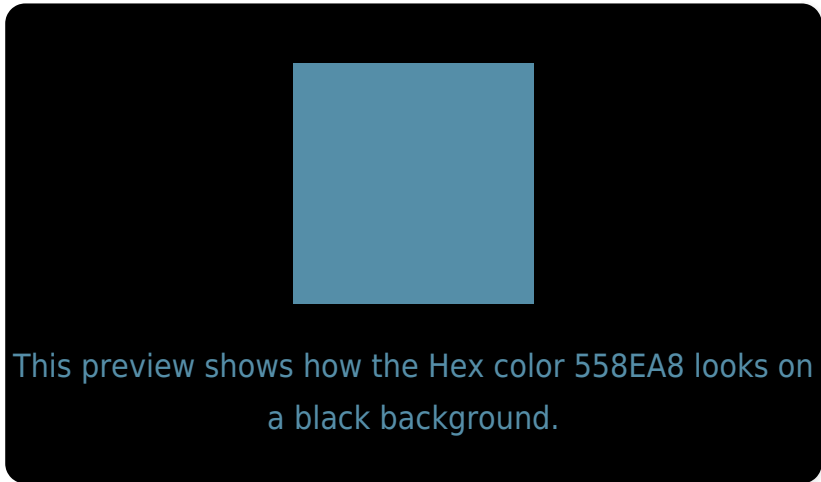
Large Text (above 18pt) WCAG AA ✓ Pass

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 558EA8 Background



This preview shows how black text looks on a background with the Hex color 558EA8.

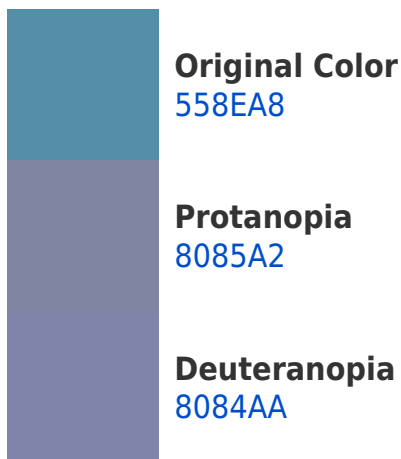


This preview shows how white text looks on a background with the Hex color 558EA8.

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](#).

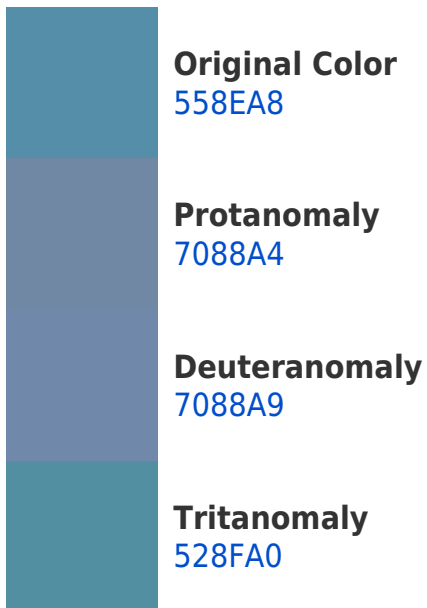
Dichromacy



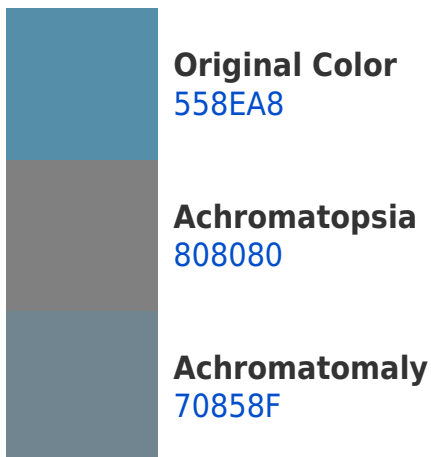


Tritanopia
51909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 558EA8 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 #558EA8 looks like.

```
.text, #text, p{  
    color:#558EA8  
}
```

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 #558EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558EA8
}
```

Border

The CSS property to change the border of an element to Hex 558EA8 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
#558EA8 }
```

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

```
.border{ border-color:#558EA8 }
```

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

Here you see how a box with a 4 pixel #558EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558EA8; -webkit-box-shadow:4px 4px  
4px 4px #558EA8; box-shadow:4px 4px 4px  
4px #558EA8 }
```

Background

The CSS property to change the background color of an element to Hex 558EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558EA8 }
```

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

```
.background{ background-color:#558EA8 }
```

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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