

Converting Colors

Hex(558EA5)

Have a look what the booklet for
Hex(558EA5) contains.

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Color

Hex(558EA5)

Conversions

Conversions Part 1

Format	Color
Hex	558EA5
RGB	85, 142, 165
RGB Percent	33%, 56%, 65%
CMY	0.6667, 0.4431, 0.3529
CMYK	0.48, 0.14, 0.00, 0.35
HSL	197°, 32%, 49%
HSV	197°, 48%, 65%
XYZ	20.2108, 23.9939, 39.1634
YIQ	127.5790, -41.3550, -4.9310

Conversions

Conversions Part 2

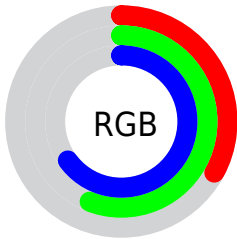
Format	Color
R _Y B	85, 118, 165
Decimal	5607077
CIE Lab	56.08, -12.26, -17.96
CIE LCh	56, 21.742, 235.673
Yxy	23.9939, 0.2424, 0.2878
Android (android.graphics.Color)	4283797157 (0xFF558EA5)
YUV	127.5790, 18.4486, -37.3418
Hunter-Lab	48.9836, -12.0714, -13.1151

Details

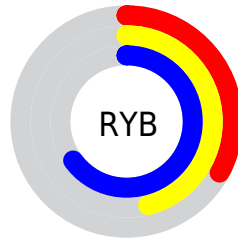
The Hex color **558EA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A56C55**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8BC4DC**, and **1C5C71** is the 20% darker color. If you saturate the color by 10%, you get **4489A5**, and if you desaturate by 10%, it is **6593A5**.

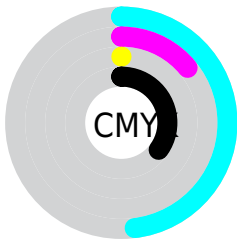
Distribution



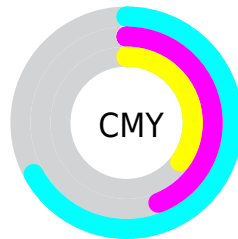
- Red (33%)
- Green (56%)
- Blue (65%)



- Red (33%)
- Yellow (46%)
- Blue (65%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558EA5 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 558EA5 by changing the saturation by 10% instead.

■ 558EA5

■ 558EA5

FFFFFF

■ 3A748B

■ 8BC4DC

■ 1C5C71

■ A7E0F9

■ 004459

■ C3FCFF

■ 002E41

■ E0FFFF

■ 001A2B

■ F0FFFF

■ 000116

■ 000000

■ 558EA5

■ 558EA5

■ 4489A5

■ 6593A5

■ 3485A5

■ 7697A5

■ 2380A5

■ 869CA5

■ 137BA5

■ 97A1A5

■ 0276A5

■ A7A6A5

■ 0076A5

■ B8AAA5

■ C8AFA5

■ D9B4A5

■ E9B9A5

Harmonies

Analogous

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



4E9196



558EA5



6B89AC

Triad

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



558EA5



AA798A



838A64

Complementary

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



558EA5



A56C55

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.



978461



558EA5



AD7A77

Square

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



558EA5



9C7C9C



A67E68



6D8F71

Rectangle

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



558EA5



7D85AB



A67E68



8A8862

Sweetspot

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



558EA5



B6CDD6



55A56C



58666B



EBEBEB



6B6B6B

Same Dimension

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



558EA5



5AB2D6



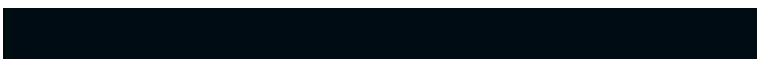
5566A5



494F52



006891



000D12

Inverse Universe

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



A5558E



D65AB2



A59455



52494F



910068



12000D

Previews

White Background



This preview shows how the Hex color 558EA5 looks on a white background.

Color Contrast Check

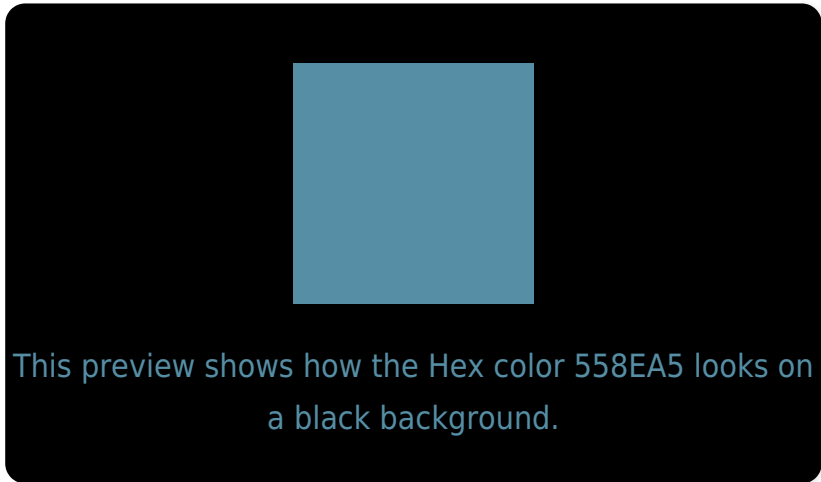
Large Text (above 18pt) WCAG AA ✓ Pass

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

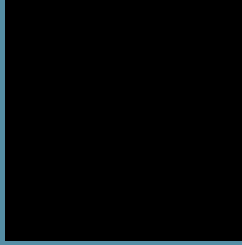
Any Text WCAG AA ✓ Pass

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 558EA5 Background



This preview shows how black text looks on a background with the Hex color 558EA5.

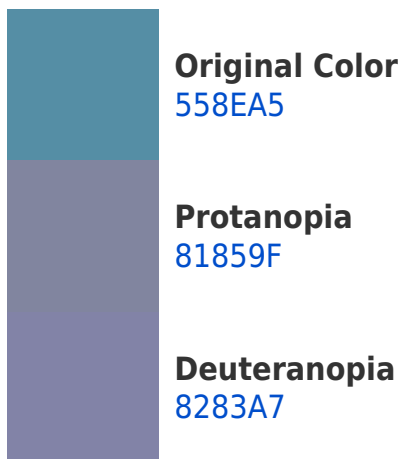


This preview shows how white text looks on a background with the Hex color 558EA5.

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](#).

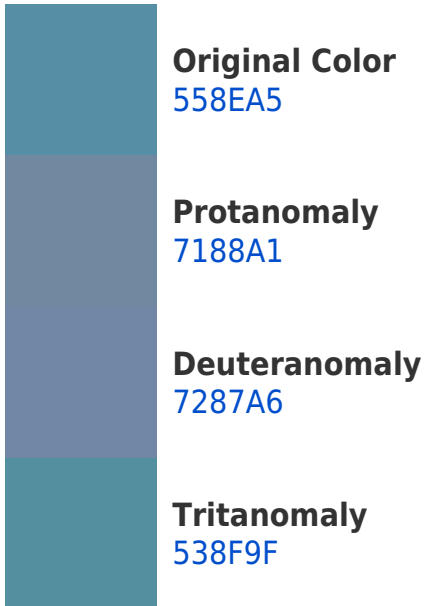
Dichromacy



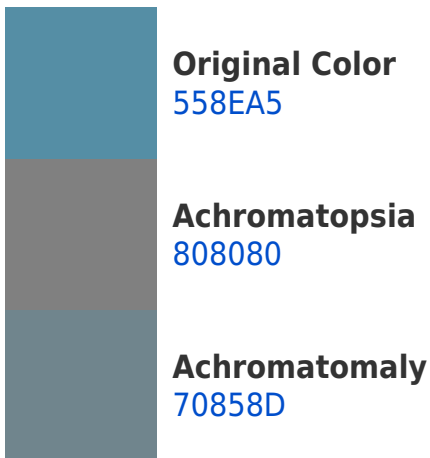


Tritanopia
52909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 558EA5 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 #558EA5 looks like.

```
.text, #text, p{  
    color:#558EA5  
}
```

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 #558EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558EA5
}
```

Border

The CSS property to change the border of an element to Hex 558EA5 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
#558EA5 }
```

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

```
.border{ border-color:#558EA5 }
```

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

Here you see how a box with a 4 pixel #558EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558EA5; -webkit-box-shadow:4px 4px  
4px 4px #558EA5; box-shadow:4px 4px 4px  
4px #558EA5 }
```

Background

The CSS property to change the background color of an element to Hex 558EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558EA5 }
```

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

```
.background{ background-color:#558EA5 }
```

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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