

Converting Colors

Hex(559EC1)

Have a look what the booklet for
Hex(559EC1) contains.

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Color

Hex(559EC1)

Conversions

Conversions Part 1

Format	Color
Hex	559EC1
RGB	85, 158, 193
RGB Percent	33%, 62%, 76%
CMY	0.6667, 0.3804, 0.2431
CMYK	0.56, 0.18, 0.00, 0.24
HSL	199°, 47%, 55%
HSV	199°, 56%, 76%
XYZ	25.5988, 30.2353, 54.9389
YIQ	140.1630, -54.7430, -4.5910

Conversions

Conversions Part 2

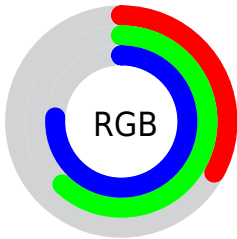
Format	Color
R_{YB}	85, 129, 193
Decimal	5611201
CIE _{Lab}	61.86, -12.69, -24.99
CIE _{LCh}	62, 28.025, 243.071
Yxy	30.2353, 0.2311, 0.2729
Android (android.graphics.Color)	4283801281 (0xFF559EC1)
YUV	140.1630, 26.0486, -48.3780
Hunter-Lab	54.9866, -13.1266, -20.7479

Details

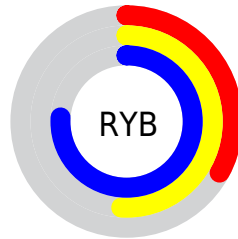
The Hex color **559EC1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C17855**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8ED5FA**, and **0E6B8B** is the 20% darker color. If you saturate the color by 10%, you get **4298C1**, and if you desaturate by 10%, it is **68A4C1**.

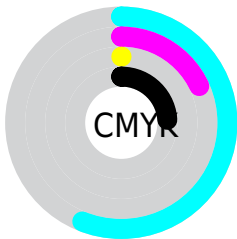
Distribution



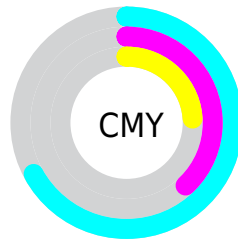
- Red (33%)
- Green (62%)
- Blue (76%)



- Red (33%)
- Yellow (51%)
- Blue (76%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 559EC1 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 559EC1 by changing the saturation by 10% instead.

■ 559EC1

■ 559EC1

FFFFFF

■ 3784A6

■ 8ED5FA

■ 0E6B8B

■ ABF1FF

■ 005272

■ C8FFFF

■ 003B59

■ E5FFFF

■ 002642

■ 000F2B

■ 000116

■ 000000

■ 559EC1

■ 559EC1

■ 4298C1

■ 68A4C1

■ 2E91C1

■ 7CABC1

■ 1B8BC1

■ 8FB1C1

■ 0885C1

■ A2B7C1

■ 0082C1

■ B6BDC1

■ C9C4C1

■ DCCAC1

■ EFD0C1

■ FFD6C1

Harmonies

Analogous

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



44A2B0



559EC1



7897C7

Triad

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



559EC1



C58394



8A9C6B

Complementary

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



559EC1



C17855

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.



A49564



559EC1



C6857C

Square

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



559EC1



B786AC



B98C6A



6DA17E

Rectangle

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



559EC1



9191C3



B98C6A



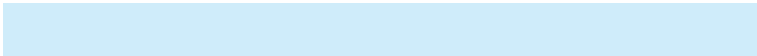
939A67

Sweetspot

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



559EC1



CFECFA



55C177



64757D



FCFCFC



7D7D7D

Same Dimension

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



559EC1



52C4FA



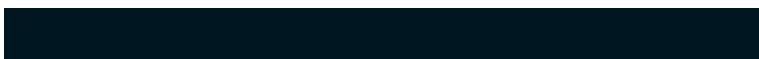
5569C1



575E61



006DA1



001621

Inverse Universe

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



C1559E



FA52C4



C1AD55



61575E



A1006D



210016

Previews

White Background



This preview shows how the Hex color 559EC1 looks on a white background.

Color Contrast Check

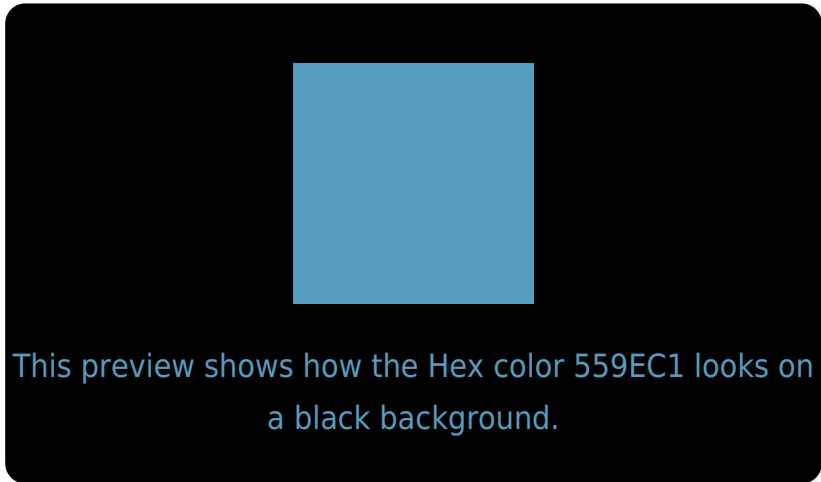
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 559EC1 Background



This preview shows how black text looks on a background with the Hex color 559EC1.

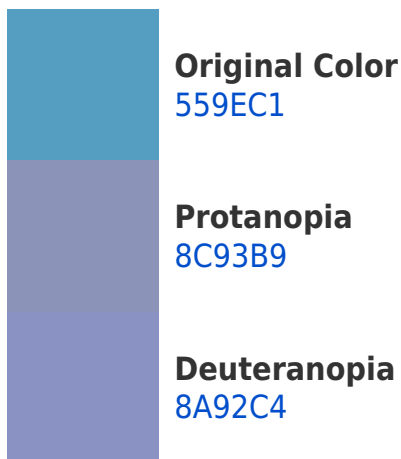


This preview shows how white text looks on a background with the Hex color 559EC1.

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](#).

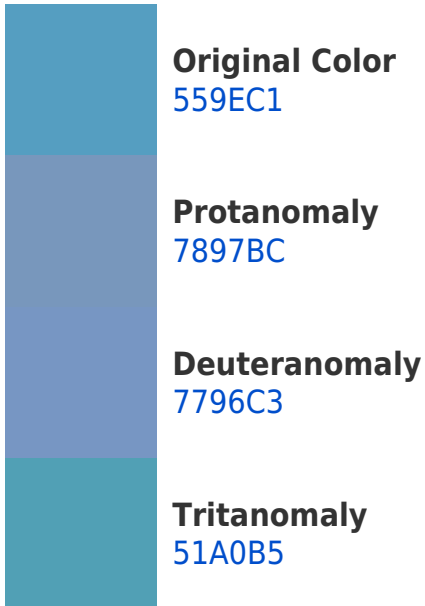
Dichromacy



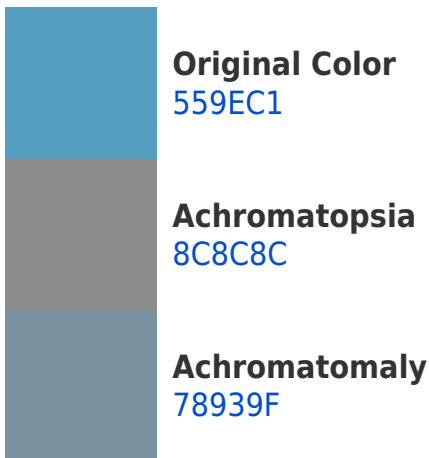


Tritanopia
4EA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 559EC1 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 #559EC1 looks like.

```
.text, #text, p{  
    color:#559EC1  
}
```

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 #559EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559EC1
}
```

Border

The CSS property to change the border of an element to Hex 559EC1 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
#559EC1 }
```

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

```
.border{ border-color:#559EC1 }
```

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

Here you see how a box with a 4 pixel #559EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559EC1; -webkit-box-shadow:4px 4px  
4px 4px #559EC1; box-shadow:4px 4px 4px  
4px #559EC1 }
```

Background

The CSS property to change the background color of an element to Hex 559EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559EC1 }
```

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

```
.background{ background-color:#559EC1 }
```

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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