

Converting Colors

Hex(599EC3)

Have a look what the booklet for
Hex(599EC3) contains.

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Color

Hex(599EC3)

Conversions

Conversions Part 1

Format	Color
Hex	599EC3
RGB	89, 158, 195
RGB Percent	35%, 62%, 76%
CMY	0.6510, 0.3804, 0.2353
CMYK	0.54, 0.19, 0.00, 0.24
HSL	201°, 47%, 56%
HSV	201°, 54%, 76%
XYZ	26.1970, 30.5177, 56.1395
YIQ	141.5870, -53.0010, -3.1210

Conversions

Conversions Part 2

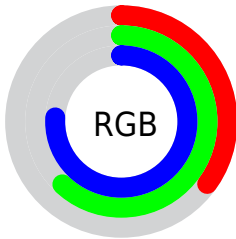
Format	Color
R _Y B	89, 131, 195
Decimal	5873347
CIE Lab	62.10, -11.24, -25.72
CIE LCh	62, 28.069, 246.398
Yxy	30.5177, 0.2321, 0.2704
Android (android.graphics.Color)	4284063427 (0xFF599EC3)
YUV	141.5870, 26.3326, -46.1188
Hunter-Lab	55.2428, -12.0275, -21.5824

Details

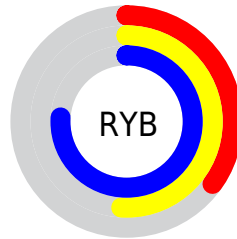
The Hex color **599EC3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C37E59**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **92D5FC**, and **176B8D** is the 20% darker color. If you saturate the color by 10%, you get **4597C3**, and if you desaturate by 10%, it is **6DA5C3**.

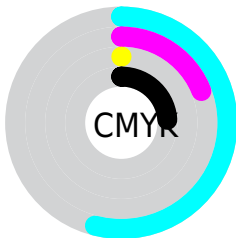
Distribution



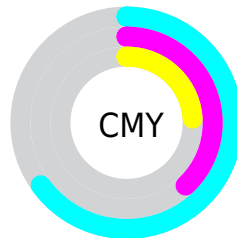
- Red (35%)
- Green (62%)
- Blue (76%)



- Red (35%)
- Yellow (51%)
- Blue (76%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 599EC3 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 599EC3 by changing the saturation by 10% instead.

■ 599EC3

■ 599EC3

FFFFFF

■ 3B84A8

■ 92D5FC

■ 176B8D

■ AEF1FF

■ 005274

■ CBFFFF

■ 003B5B

■ E9FFFF

■ 002643

■ 00112D

■ 000118

■ 000000

■ 599EC3

■ 599EC3

■ 4597C3

■ 6DA5C3

■ 3290C3

■ 80ACC3

■ 1E8AC3

■ 93B2C3

■ 0B83C3

■ A7B9C3

■ 007FC3

■ BBC0C3

■ CEC7C3

■ E1CEC3

■ F5D4C3

■ FFDBC3

Harmonies

Analogous

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



45A3B3



599EC3



7D97C7

Triad

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



599EC3



C78392



879D6D

Complementary

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



599EC3



C37E59

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.



A29664



599EC3



C6867A

Square

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



599EC3



BA86AB



B88E69



6AA281

Rectangle

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



599EC3



9591C3



B88E69



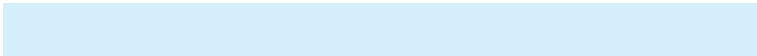
919B69

Sweetspot

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



599EC3



D4EEFC



59C37C



677780



000000



808080

Same Dimension

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



599EC3



58C3FC



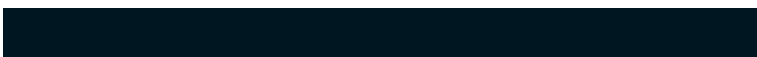
596BC3



575E61



0069A1



001621

Inverse Universe

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



C3599E



FC58C3



C3B159



61575E



A10069



210016

Previews

White Background



This preview shows how the Hex color 599EC3 looks on a white background.

Color Contrast Check

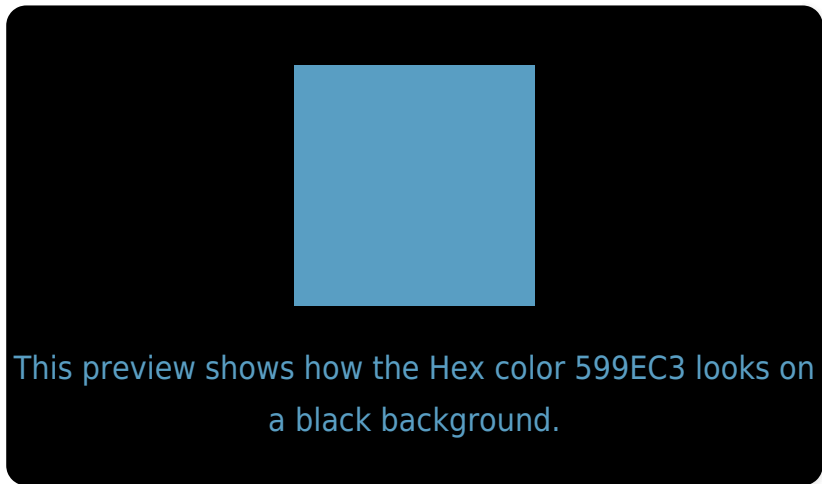
Large Text (above 18pt) WCAG AA × Fail

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

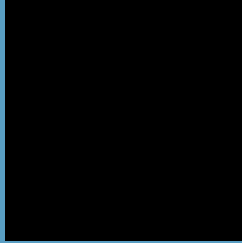
Any Text WCAG AA ✓ Pass

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 599EC3 Background



This preview shows how black text looks on a background with the Hex color 599EC3.

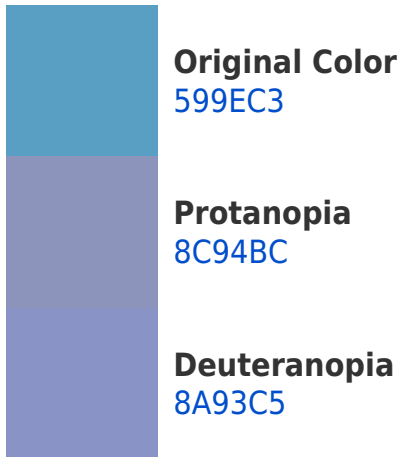


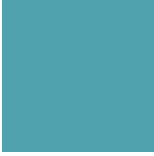
This preview shows how white text looks on a background with the Hex color 599EC3.

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](#).

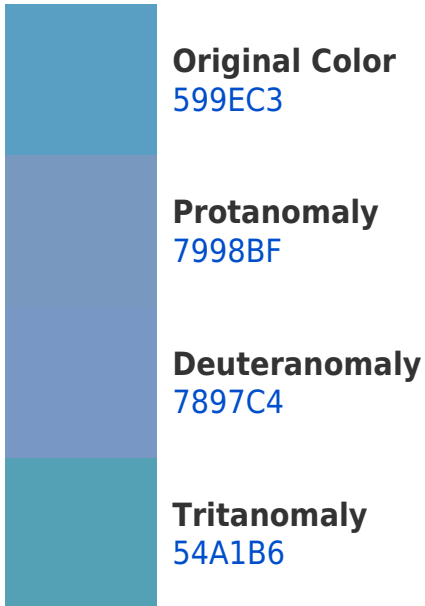
Dichromacy



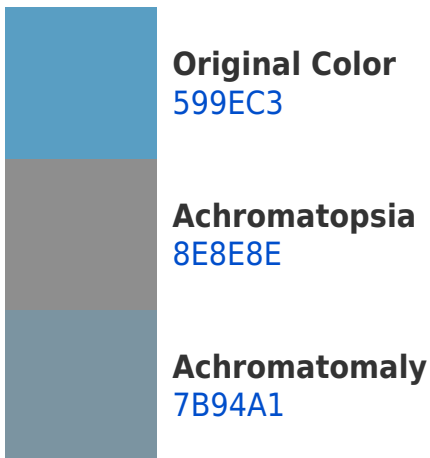


Tritanopia
51A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 599EC3 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 #599EC3 looks like.

```
.text, #text, p{  
    color:#599EC3  
}
```

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 #599EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599EC3
}
```

Border

The CSS property to change the border of an element to Hex 599EC3 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
#599EC3 }
```

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

```
.border{ border-color:#599EC3 }
```

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

Here you see how a box with a 4 pixel #599EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599EC3; -webkit-box-shadow:4px 4px  
4px 4px #599EC3; box-shadow:4px 4px 4px  
4px #599EC3 }
```

Background

The CSS property to change the background color of an element to Hex 599EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599EC3 }
```

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

```
.background{ background-color:#599EC3 }
```

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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