

Converting Colors

Hex(579EEC)

Have a look what the booklet for
Hex(579EEC) contains.

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Color

Hex(579EEC)

Conversions

Conversions Part 1

Format	Color
Hex	579EEC
RGB	87, 158, 236
RGB Percent	34%, 62%, 93%
CMY	0.6588, 0.3804, 0.0745
CMYK	0.63, 0.33, 0.00, 0.07
HSL	211°, 80%, 63%
HSV	211°, 63%, 93%
XYZ	31.2977, 32.5361, 83.9874
YIQ	145.6630, -67.3540, 9.2060

Conversions

Conversions Part 2

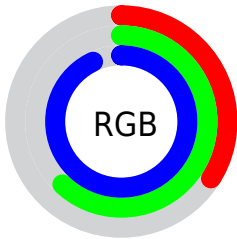
Format	Color
R _Y B	87, 135, 236
Decimal	5742316
CIE Lab	63.78, 1.38, -45.86
CIE LCh	64, 45.883, 271.720
Yxy	32.5361, 0.2117, 0.2201
Android (android.graphics.Color)	4283932396 (0xFF579EEC)
YUV	145.6630, 44.5361, -51.4475
Hunter-Lab	57.0404, -1.8791, -47.3715

Details

The Hex color **579EEC** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **ECA557**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **95D4FF**, and **006BB4** is the 20% darker color. If you saturate the color by 10%, you get **3F92EC**, and if you desaturate by 10%, it is **6FAAEC**.

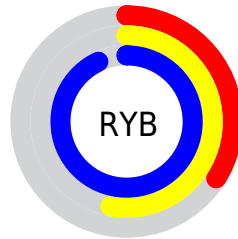
Distribution



Red (34%)

Green (62%)

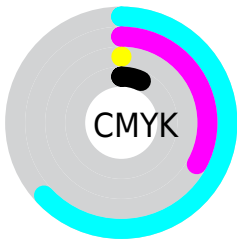
Blue (93%)



Red (34%)

Yellow (53%)

Blue (93%)

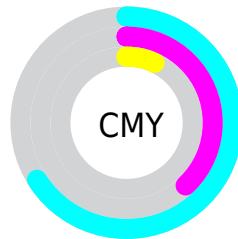


Cyan (63%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (66%)

Magenta (38%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579EEC 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 579EEC by changing the saturation by 10% instead.

■ 579EEC

■ 579EEC

FFFFFF

■ 3484D0

■ 95D4FF

■ 006BB4

■ B3F1FF

■ 005399

■ D1FFFF

■ 003D7E

■ EFFFFFF

■ 002865

■ 00134C

■ 000535

■ 00021F

■ 000002

■ 579EEC

■ 579EEC

■ 3F92EC

■ 6FAAEC

■ 2885EC

■ 86B7EC

■ 1079EC

■ 9EC3EC

■ 0070EC

■ B5CFEC

■ CDDCEC

■ E5E8EC

■ FCF4EC

■ FFFFEC

Harmonies

Analogous

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



00A9E2



579EEC



A18FE0

Triad

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



579EEC



E57D72



51AC72

Complementary

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



579EEC



ECA557

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.



87A552



579EEC



D28A53

Square

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



579EEC



E5789A



B19946



00AF9C

Rectangle

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



579EEC



C284CE



B19946



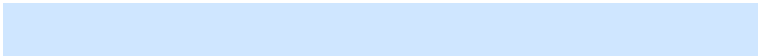
65AA66

Sweetspot

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



579EEC



CFE6FF



57ECA4



627080



000000



808080

Same Dimension

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



579EEC



3D9AFF



5957EC



6A6F75



0056B5



001A36

Inverse Universe

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



EC579E



FF3D9A



EAEC57



756A6F



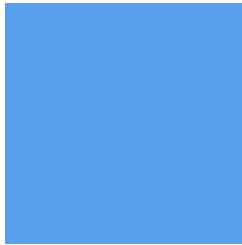
B50056



36001A

Previews

White Background



This preview shows how the Hex color 579EEC looks on a white background.

Color Contrast Check

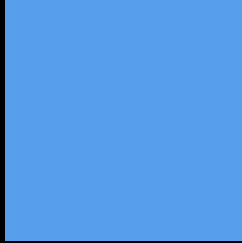
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 579EEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

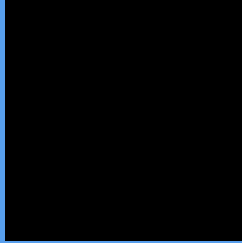
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

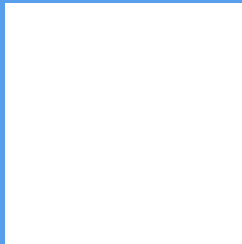
Any Text WCAG AAA ✓ Pass

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

Hex 579EEC Background



This preview shows how black text looks on a background with the Hex color 579EEC.

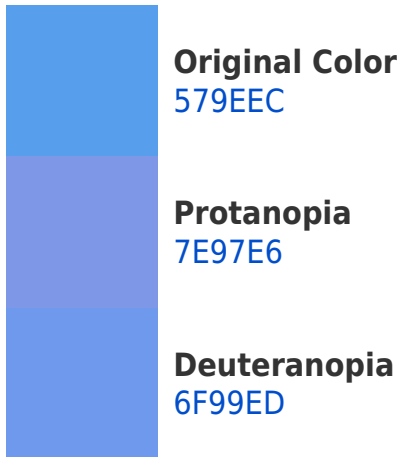


This preview shows how white text looks on a background with the Hex color 579EEC.

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](#).

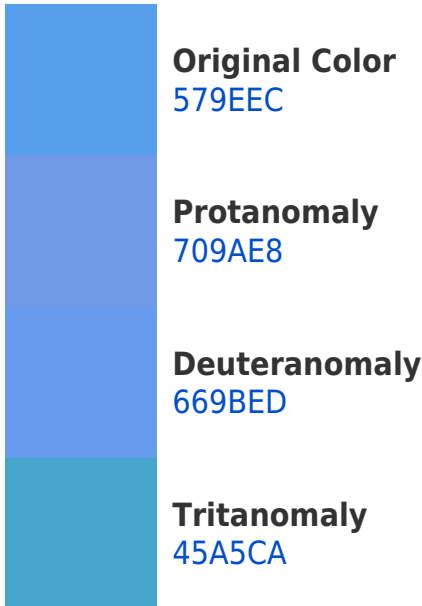
Dichromacy



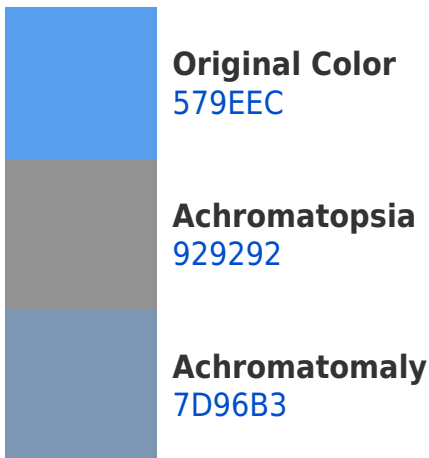


Tritanopia
3BA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 579EEC 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 #579EEC looks like.

```
.text, #text, p{  
    color:#579EEC  
}
```

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 #579EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579EEC
}
```

Border

The CSS property to change the border of an element to Hex 579EEC 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
#579EEC }
```

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

```
.border{ border-color:#579EEC }
```

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

Here you see how a box with a 4 pixel #579EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579EEC; -webkit-box-shadow:4px 4px  
4px 4px #579EEC; box-shadow:4px 4px 4px  
4px #579EEC }
```

Background

The CSS property to change the background color of an element to Hex 579EEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579EEC }
```

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

```
.background{ background-color:#579EEC }
```

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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