

Converting Colors

Hex(597EEC)

Have a look what the booklet for
Hex(597EEC) contains.

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Color

Hex(597EEC)

Conversions

Conversions Part 1

Format	Color
Hex	597EEC
RGB	89, 126, 236
RGB Percent	35%, 49%, 93%
CMY	0.6510, 0.5059, 0.0745
CMYK	0.62, 0.47, 0.00, 0.07
HSL	225°, 79%, 64%
HSV	225°, 62%, 93%
XYZ	26.7210, 23.1017, 82.4076
YIQ	127.4770, -57.3620, 26.3660

Conversions

Conversions Part 2

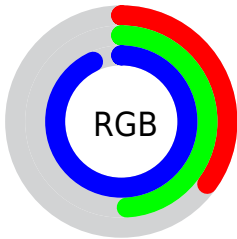
Format	Color
R_{YB}	89, 119, 236
Decimal	5865196
CIE _{Lab}	55.18, 20.75, -59.54
CIE _{LCh}	55, 63.057, 289.213
Yxy	23.1017, 0.2021, 0.1747
Android (android.graphics.Color)	4284055276 (0xFF597EEC)
YUV	127.4770, 53.5018, -33.7443
Hunter-Lab	48.0642, 15.1236, -68.0096

Details

The Hex color **597EEC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **ECC759**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **97B2FF**, and **004EB3** is the 20% darker color. If you saturate the color by 10%, you get **416CEC**, and if you desaturate by 10%, it is **7190EC**.

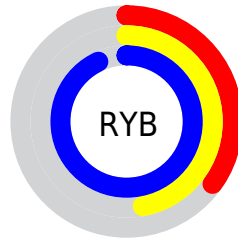
Distribution



Red (35%)

Green (49%)

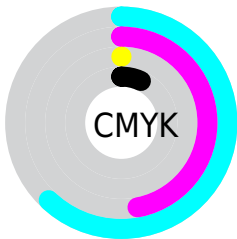
Blue (93%)



Red (35%)

Yellow (47%)

Blue (93%)

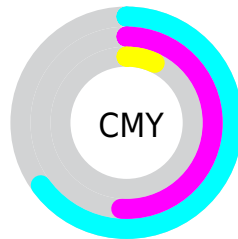


Cyan (62%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 597EEC 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 597EEC by changing the saturation by 10% instead.

■ 597EEC

■ 597EEC

FFFFFF

■ 3665CF

■ 97B2FF

■ 004EB3

■ B5CEFF

■ 003898

■ D3EAFF

■ 00237D

■ F1FFFF

■ 001164

■ 00094B

■ 000433

■ 00021D

■ 000000

■ 597EEC

■ 597EEC

■ 416CEC

■ 7190EC

■ 2A5BEC

■ 88A1EC

■ 1249EC

■ A0B3EC

■ 003BEC

■ B7C5EC

■ CFD6EC

■ E7E8EC

■ FEFAEC

■ FFFFEC

Harmonies

Analogous

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



0090F0



597EEC



B265CC

Triad

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



597EEC



D36332



009C6E

Complementary

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



597EEC



ECC759

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.



369737



597EEC



AF7B00

Square

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



597EEC



E54E64



7D8C00



009DA7

Rectangle

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



597EEC



D255AC



7D8C00



009B5B

Sweetspot

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



597EEC



CFDBFF



59ECC5



626A80



000000



808080

Same Dimension

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



597EEC



4070FF



7B59EC



6A6D75



002EB5



000D36

Inverse Universe

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



EC597E



FF4070



CAEC59



756A6D



B5002E



36000D

Previews

White Background



This preview shows how the Hex color 597EEC 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

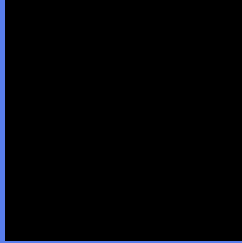
Any Text WCAG AA ✓ Pass

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 597EEC Background



This preview shows how black text looks on a background with the Hex color 597EEC.

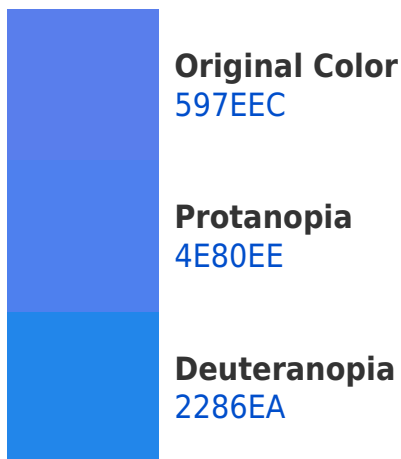


This preview shows how white text looks on a background with the Hex color 597EEC.

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](#).

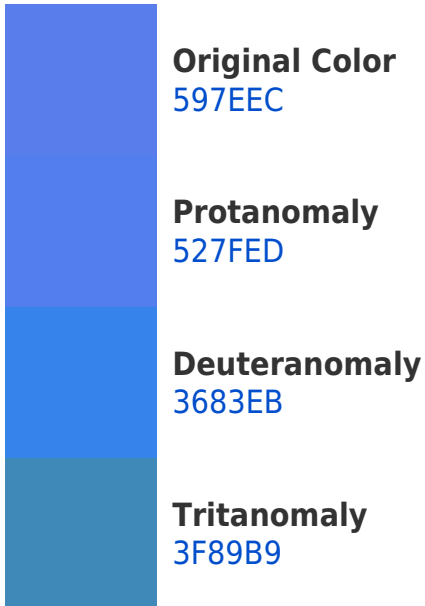
Dichromacy



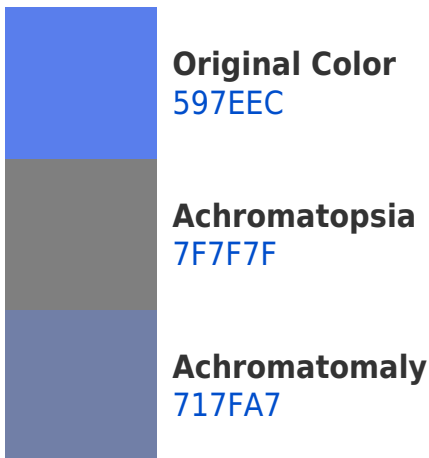


Tritanopia
30909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 597EEC 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 #597EEC looks like.

```
.text, #text, p{  
    color:#597EEC  
}
```

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 #597EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597EEC
}
```

Border

The CSS property to change the border of an element to Hex 597EEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

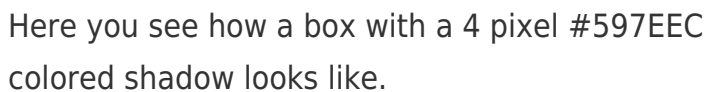
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#597EEC }
```

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

```
.border{ border-color:#597EEC }
```

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



Here you see how a box with a 4 pixel #597EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597EEC; -webkit-box-shadow:4px 4px  
4px 4px #597EEC; box-shadow:4px 4px 4px  
4px #597EEC }
```

Background

The CSS property to change the background color of an element to Hex 597EEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597EEC }
```

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

```
.background{ background-color:#597EEC }
```

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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