

Converting Colors

Hex(5CA5EE)

Have a look what the booklet for
Hex(5CA5EE) contains.

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Color

Hex(5CA5EE)

Conversions

Conversions Part 1

Format	Color
Hex	5CA5EE
RGB	92, 165, 238
RGB Percent	36%, 65%, 93%
CMY	0.6392, 0.3529, 0.0667
CMYK	0.61, 0.31, 0.00, 0.07
HSL	210°, 81%, 65%
HSV	210°, 61%, 93%
XYZ	33.3014, 35.3586, 85.9586
YIQ	151.4950, -66.9410, 7.2270

Conversions

Conversions Part 2

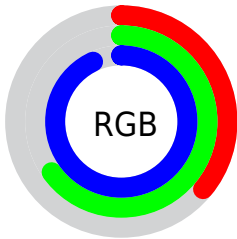
Format	Color
R _Y B	92, 141, 238
Decimal	6071790
CIE Lab	66.03, -1.08, -43.42
CIE LCh	66, 43.432, 268.580
Yxy	35.3586, 0.2154, 0.2287
Android (android.graphics.Color)	4284261870 (0xFF5CA5EE)
YUV	151.4950, 42.6470, -52.1771
Hunter-Lab	59.4631, -4.0943, -44.0842

Details

The Hex color **5CA5EE** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EEA55C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **99DCFF**, and **0072B6** is the 20% darker color. If you saturate the color by 10%, you get **4499EE**, and if you desaturate by 10%, it is **74B1EE**.

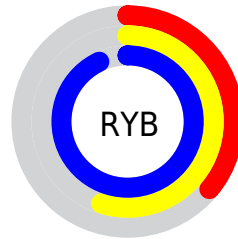
Distribution



Red (36%)

Green (65%)

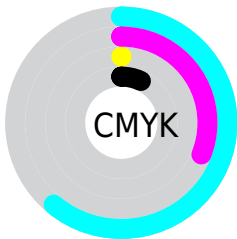
Blue (93%)



Red (36%)

Yellow (55%)

Blue (93%)

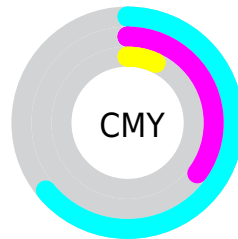


Cyan (61%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA5EE 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 5CA5EE by changing the saturation by 10% instead.

 5CA5EE

 5CA5EE

FFFFFF

 3A8BD1

 99DCFF

 0072B6

 B7F8FF

 00599B

 D5FFFF

 004280

 F3FFFF

 002D67

 00194E

 000537

 000221

 000005

■ 5CA5EE

■ 5CA5EE

■ 4499EE

■ 74B1EE

■ 2C8DEE

■ 8CBDEE

■ 1581EE

■ A3C9EE

■ 0077EE

■ BBD5EE

■ D3E0EE

■ EBEC EE

■ FFF8EE

■ FFFFEE

Harmonies

Analogous

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



00AFE2



5CA5EE



A197E5

Triad

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



5CA5EE



E9847D



63B176

Complementary

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



5CA5EE



EEA55C

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.



93A95A



5CA5EE



D9905F

Square

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



5CA5EE



E781A4



BA9E51



0DB49D

Rectangle

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



5CA5EE



C28DD4



BA9E51



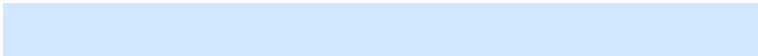
74AF6B

Sweetspot

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



5CA5EE



D1E8FF



5CEEAE



637180



000000



808080

Same Dimension

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



5CA5EE



42A1FF



5C5CEE



6C7278



005CB8



001C38

Inverse Universe

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



EE5CA5



FF42A1



EEEE5C



786C72



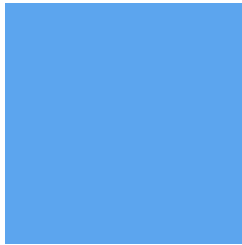
B8005C



38001C

Previews

White Background



This preview shows how the Hex color 5CA5EE looks on a white background.

Color Contrast Check

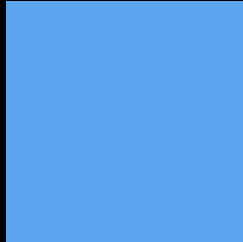
Large Text (above 18pt) WCAG AA × Fail

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 5CA5EE 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

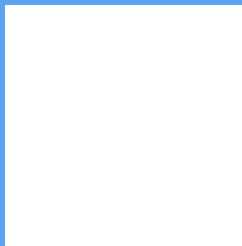
Any Text WCAG AAA ✓ Pass

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

Hex 5CA5EE Background



This preview shows how black text looks on a background with the Hex color 5CA5EE.

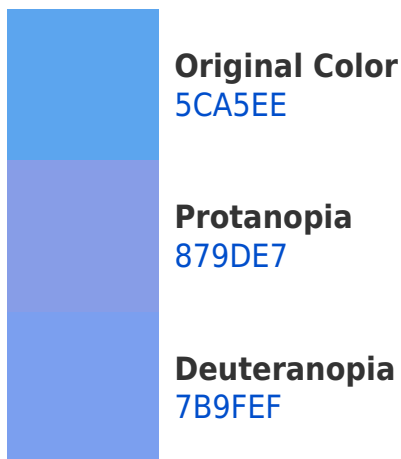


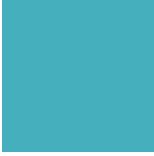
This preview shows how white text looks on a background with the Hex color 5CA5EE.

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](#).

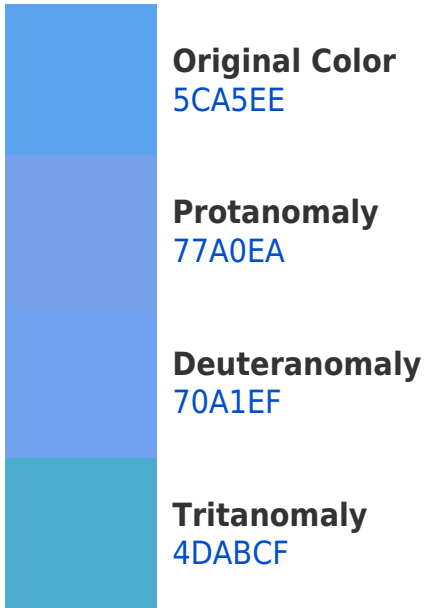
Dichromacy



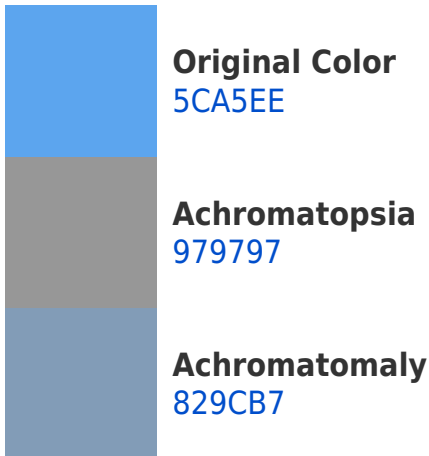


Tritanopia
45AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA5EE 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 #5CA5EE looks like.

```
.text, #text, p{  
    color:#5CA5EE  
}
```

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 #5CA5EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA5EE
}
```

Border

The CSS property to change the border of an element to Hex 5CA5EE 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
#5CA5EE }
```

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

```
.border{ border-color:#5CA5EE }
```

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

Here you see how a box with a 4 pixel #5CA5EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA5EE; -webkit-box-shadow:4px 4px  
4px 4px #5CA5EE; box-shadow:4px 4px 4px  
4px #5CA5EE }
```

Background

The CSS property to change the background color of an element to Hex 5CA5EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA5EE }
```

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

```
.background{ background-color:#5CA5EE }
```

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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