

Converting Colors

Hex(5CA7EA)

Have a look what the booklet for
Hex(5CA7EA) contains.

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Color

Hex(5CA7EA)

Conversions

Conversions Part 1

Format	Color
Hex	5CA7EA
RGB	92, 167, 234
RGB Percent	36%, 65%, 92%
CMY	0.6392, 0.3451, 0.0824
CMYK	0.61, 0.29, 0.00, 0.08
HSL	208°, 77%, 64%
HSV	208°, 61%, 92%
XYZ	33.0836, 35.8533, 83.0186
YIQ	152.2130, -66.2070, 4.9370

Conversions

Conversions Part 2

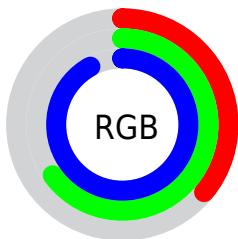
Format	Color
RYB	92, 141, 234
Decimal	6072298
CIELab	66.41, -3.49, -40.63
CIElCh	66, 40.780, 265.095
Yxy	35.8533, 0.2177, 0.2359
Android (android.graphics.Color)	4284262378 (0xFF5CA7EA)
YUV	152.2130, 40.3210, -52.8068
Hunter-Lab	59.8776, -6.1608, -40.2896

Details

The Hex color **5CA7EA** 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 **EA9F5C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **99DEFF**, and **0373B2** is the 20% darker color. If you saturate the color by 10%, you get **459CEA**, and if you desaturate by 10%, it is **73B2EA**.

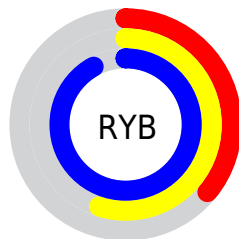
Distribution



Red (36%)

Green (65%)

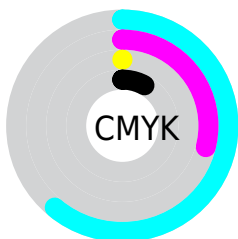
Blue (92%)



Red (36%)

Yellow (55%)

Blue (92%)

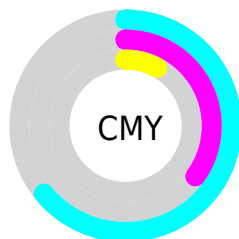


Cyan (61%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (64%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA7EA 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 5CA7EA by changing the saturation by 10% instead.

 5CA7EA

 5CA7EA


FFFFFF

 3A8DCE

 99DEFF

 0373B2

 B6FAFF

 005B97

 D4FFFF

 00447D

 F2FFFF

 002E63

 001A4B

 000434

 00021E

 000000

■ 5CA7EA

■ 5CA7EA

■ 459CEA

■ 73B2EA

■ 2D91EA

■ 8BBDEA

■ 1686EA

■ A2C8EA

■ 007CEA

■ BAD3EA

■ D1DEEA

■ E8E9EA

■ FFF4EA

■ FFFFEA

Harmonies

Analogous

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



00B0DD



5CA7EA



9C9AE4

Triad

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



5CA7EA



E78684



6EB076

Complementary

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



5CA7EA



EA9F5C

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.



99A95D



5CA7EA



DA9067

Square

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



5CA7EA



E385A9



BE9D58



35B49A

Rectangle

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



5CA7EA



BD91D5



BE9D58



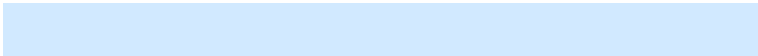
7DAE6C

Sweetspot

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



5CA7EA



D1E9FF



5CEA9E



637280



000000



808080

Same Dimension

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



5CA7EA



45A7FF



5C61EA



6A7075



0060B5



001C36

Inverse Universe

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



EA5CA7



FF45A7



EAE55C



756A70



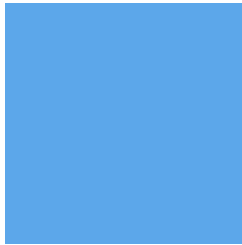
B50060



36001C

Previews

White Background



This preview shows how the Hex color 5CA7EA looks on a white background.

Color Contrast Check

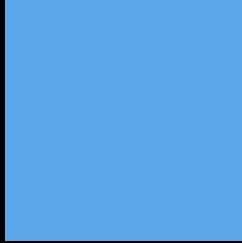
Large Text (above 18pt) WCAG AA × Fail

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 5CA7EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

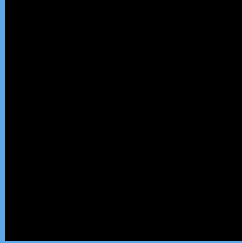
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

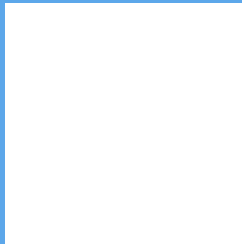
Any Text WCAG AAA ✓ Pass

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

Hex 5CA7EA Background



This preview shows how black text looks on a background with the Hex color 5CA7EA.

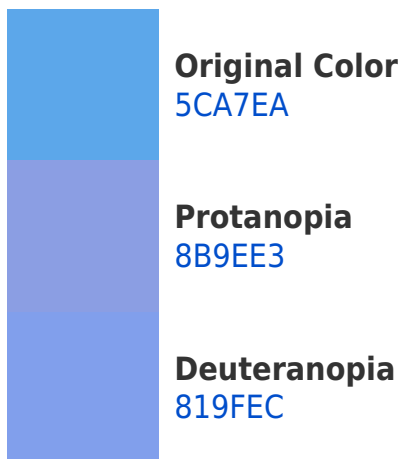


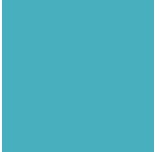
This preview shows how white text looks on a background with the Hex color 5CA7EA.

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](#).

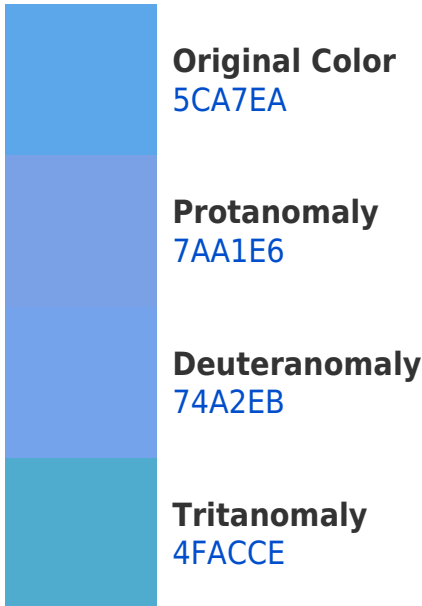
Dichromacy



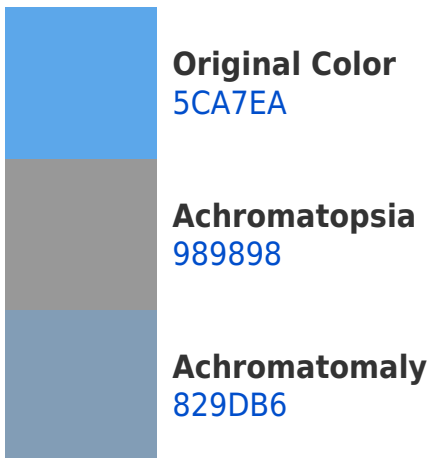


Tritanopia
48AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA7EA 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 #5CA7EA looks like.

```
.text, #text, p{  
    color:#5CA7EA  
}
```

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 #5CA7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA7EA
}
```

Border

The CSS property to change the border of an element to Hex 5CA7EA 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
#5CA7EA }
```

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

```
.border{ border-color:#5CA7EA }
```

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

Here you see how a box with a 4 pixel #5CA7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA7EA; -webkit-box-shadow:4px 4px  
4px 4px #5CA7EA; box-shadow:4px 4px 4px  
4px #5CA7EA }
```

Background

The CSS property to change the background color of an element to Hex 5CA7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA7EA }
```

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

```
.background{ background-color:#5CA7EA }
```

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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