

Converting Colors

Hex(5A9CE4)

Have a look what the booklet for
Hex(5A9CE4) contains.

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Color

Hex(5A9CE4)

Conversions

Conversions Part 1

Format	Color
Hex	5A9CE4
RGB	90, 156, 228
RGB Percent	35%, 61%, 89%
CMY	0.6471, 0.3882, 0.1059
CMYK	0.61, 0.32, 0.00, 0.11
HSL	211°, 72%, 62%
HSV	211°, 61%, 89%
XYZ	30.1085, 31.5520, 77.9021
YIQ	144.4740, -62.4480, 8.4000

Conversions

Conversions Part 2

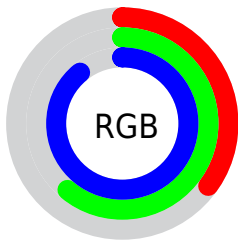
Format	Color
R _Y B	90, 135, 228
Decimal	5938404
CIE Lab	62.97, 0.45, -42.72
CIE LCh	63, 42.725, 270.604
Yxy	31.5520, 0.2157, 0.2261
Android (android.graphics.Color)	4284128484 (0xFF5A9CE4)
YUV	144.4740, 41.1783, -47.7737
Hunter-Lab	56.1712, -2.6212, -42.9076

Details

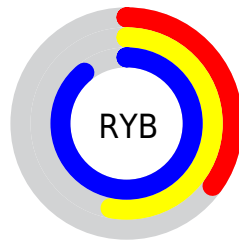
The Hex color **5A9CE4** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E4A25A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **96D2FF**, and **0269AC** is the 20% darker color. If you saturate the color by 10%, you get **4390E4**, and if you desaturate by 10%, it is **71A8E4**.

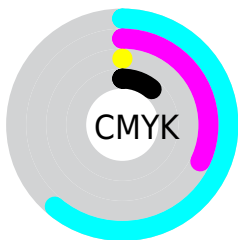
Distribution



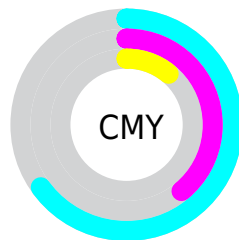
- Red (35%)
- Green (61%)
- Blue (89%)



- Red (35%)
- Yellow (53%)
- Blue (89%)



- Cyan (61%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9CE4 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 5A9CE4 by changing the saturation by 10% instead.

■ 5A9CE4

■ 5A9CE4

FFFFFF

■ 3982C8

■ 96D2FF

■ 0269AC

■ B4EEFF

■ 005191

■ D1FFFF

■ 003B77

■ EFFFFFF

■ 00265E

■ 001146

■ 00042F

■ 000119

■ 000000

■ 5A9CE4

■ 5A9CE4

■ 4390E4

■ 71A8E4

■ 2C84E4

■ 88B4E4

■ 1678E4

■ 9EC0E4

■ 006DE4

■ B5CCE4

■ CCD7E4

■ E3E3E4

■ FAEFE4

■ FFFBE4

■ FFFFE4

Harmonies

Analogous

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



00A6DA



5A9CE4



9C8EDA

Triad

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



5A9CE4



DF7D74



58A972

Complementary

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



5A9CE4



E4A25A

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.



88A255



5A9CE4



CD8957

Square

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



5A9CE4



DE7999



AF964B



00AC98

Rectangle

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



5A9CE4



BC85C9



AF964B



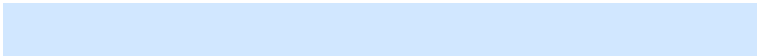
69A767

Sweetspot

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



5A9CE4



D1E7FF



5AE4A1



637180



000000



808080

Same Dimension

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



5A9CE4



459EFF



5C5AE4



676D73



0055B3



001833

Inverse Universe

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



E45A9C



FF459E



E2E45A



73676D



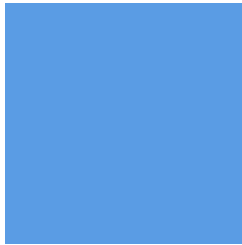
B30055



330018

Previews

White Background



This preview shows how the Hex color 5A9CE4 looks on a white background.

Color Contrast Check

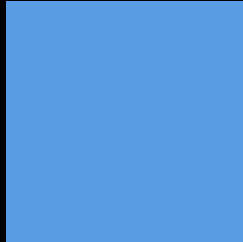
Large Text (above 18pt) WCAG AA × Fail

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 5A9CE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

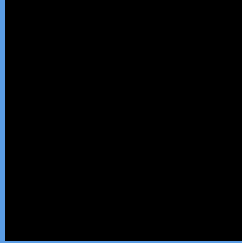
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

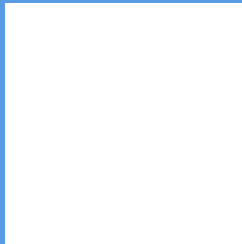
Any Text WCAG AAA ✓ Pass

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

Hex 5A9CE4 Background



This preview shows how black text looks on a background with the Hex color 5A9CE4.



This preview shows how white text looks on a background with the Hex color 5A9CE4.

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](#).

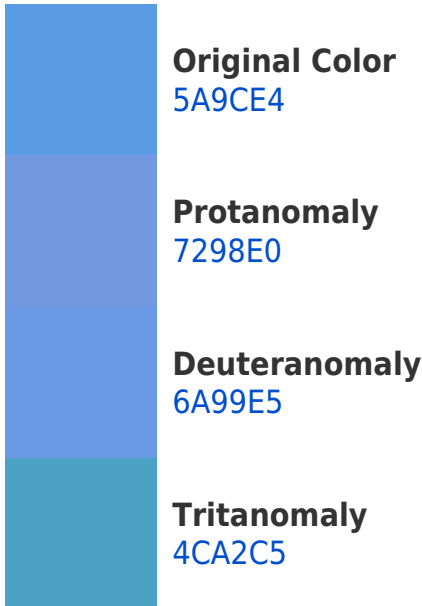
Dichromacy



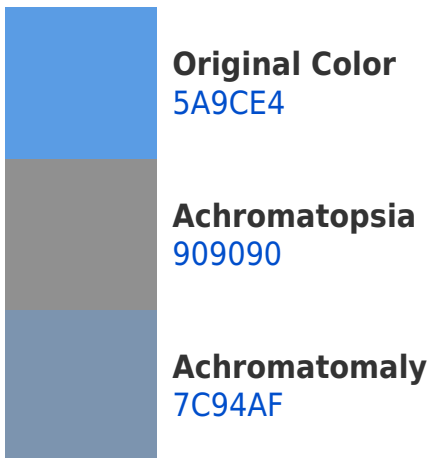


Tritanopia
44A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9CE4 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 #5A9CE4 looks like.

```
.text, #text, p{  
    color:#5A9CE4  
}
```

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 #5A9CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9CE4
}
```

Border

The CSS property to change the border of an element to Hex 5A9CE4 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
#5A9CE4 }
```

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

```
.border{ border-color:#5A9CE4 }
```

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

Here you see how a box with a 4 pixel #5A9CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9CE4; -webkit-box-shadow:4px 4px  
4px 4px #5A9CE4; box-shadow:4px 4px 4px  
4px #5A9CE4 }
```

Background

The CSS property to change the background color of an element to Hex 5A9CE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9CE4 }
```

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

```
.background{ background-color:#5A9CE4 }
```

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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