

Converting Colors

Hex(5BA9EF)

Have a look what the booklet for
Hex(5BA9EF) contains.

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Color

Hex(5BA9EF)

Conversions

Conversions Part 1

Format	Color
Hex	5BA9EF
RGB	91, 169, 239
RGB Percent	36%, 66%, 94%
CMY	0.6431, 0.3373, 0.0627
CMYK	0.62, 0.29, 0.00, 0.06
HSL	208°, 82%, 65%
HSV	208°, 62%, 94%
XYZ	34.0823, 36.8321, 86.9743
YIQ	153.6580, -68.9580, 5.2340

Conversions

Conversions Part 2

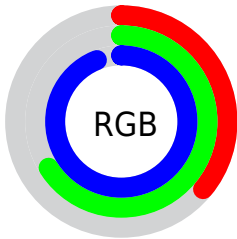
Format	Color
R_{YB}	91, 142, 239
Decimal	6007279
CIE _{Lab}	67.15, -3.19, -42.21
CIE _{LCh}	67, 42.326, 265.682
Yxy	36.8321, 0.2159, 0.2333
Android (android.graphics.Color)	4284197359 (0xFF5BA9EF)
YUV	153.6580, 42.0736, -54.9511
Hunter-Lab	60.6894, -5.9634, -42.4862

Details

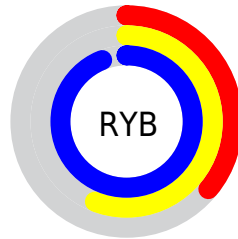
The Hex color **5BA9EF** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EFA15B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **98E0FF**, and **0075B7** is the 20% darker color. If you saturate the color by 10%, you get **439EEF**, and if you desaturate by 10%, it is **73B4EF**.

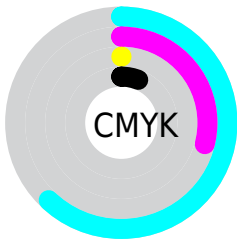
Distribution



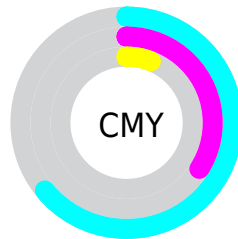
- Red (36%)
- Green (66%)
- Blue (94%)



- Red (36%)
- Yellow (56%)
- Blue (94%)



- Cyan (62%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)



- Cyan (64%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA9EF 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 5BA9EF by changing the saturation by 10% instead.

■ 5BA9EF

■ 5BA9EF

FFFFFF

■ 388FD2

■ 98E0FF

■ 0075B7

■ B6FDFF

■ 005D9C

■ D4FFFF

■ 004681

■ F3FFFF

■ 003068

■ 001C4F

■ 000538

■ 000221

■ 000007

■ 5BA9EF

■ 5BA9EF

■ 439EEF

■ 73B4EF

■ 2B92EF

■ 8BC0EF

■ 1387EF

■ A3CBEF

■ 007EEF

■ BBD6EF

■ D3E2EF

■ EAEDEF

■ FFF8EF

■ FFFFEF

Harmonies

Analogous

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



00B2E1



5BA9EF



9F9CE8

Triad

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



5BA9EF



EC8784



6DB377

Complementary

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



5BA9EF



EFA15B

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.



9AAB5D



5BA9EF



DD9266

Square

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



5BA9EF



E885AB



C09F56



2DB79C

Rectangle

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



5BA9EF



C092D9



C09F56



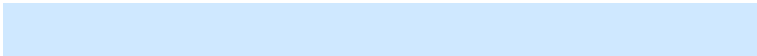
7DB16D

Sweetspot

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



5BA9EF



CFE8FF



5BEFA0



627280



000000



808080

Same Dimension

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



5BA9EF



42A6FF



5B60EF



6C7278



0061B8



001E38

Inverse Universe

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



EF5BA9



FF42A6



EFEA5B



786C72



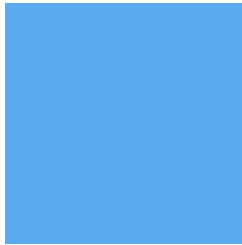
B80061



38001E

Previews

White Background



This preview shows how the Hex color 5BA9EF looks on a white background.

Color Contrast Check

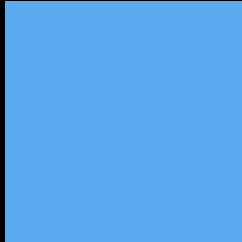
Large Text (above 18pt) WCAG AA × Fail

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 5BA9EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

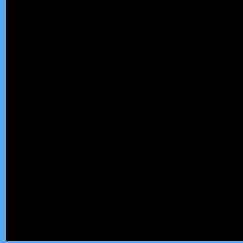
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

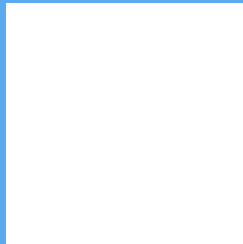
Any Text WCAG AAA ✓ Pass

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

Hex 5BA9EF Background



This preview shows how black text looks on a background with the Hex color 5BA9EF.

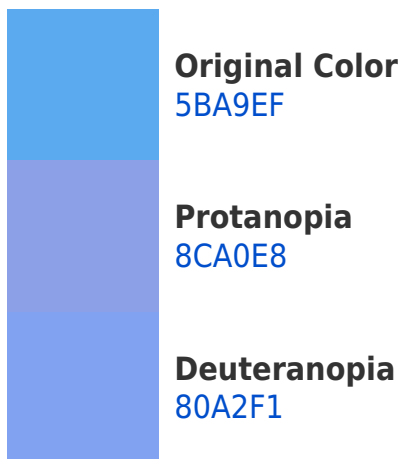


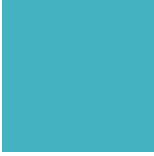
This preview shows how white text looks on a background with the Hex color 5BA9EF.

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](#).

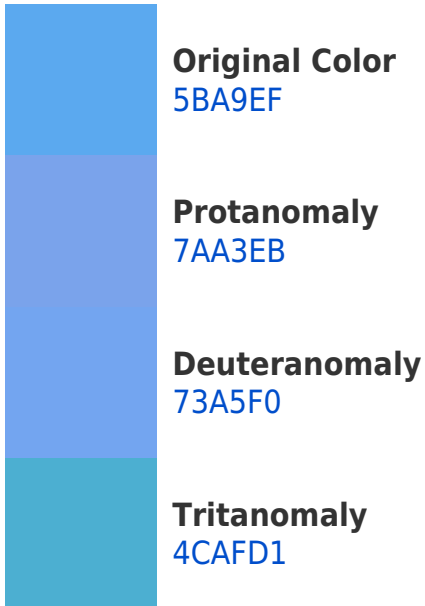
Dichromacy



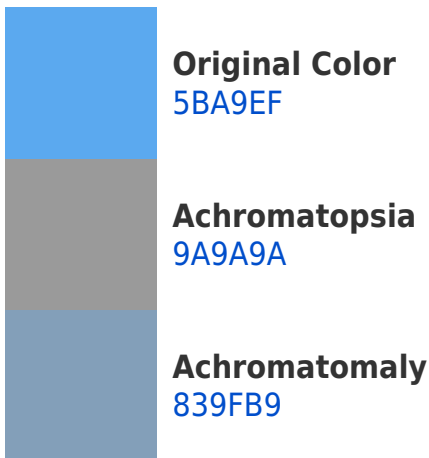


Tritanopia
44B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA9EF 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 #5BA9EF looks like.

```
.text, #text, p{  
    color:#5BA9EF  
}
```

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 #5BA9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA9EF
}
```

Border

The CSS property to change the border of an element to Hex 5BA9EF 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
#5BA9EF }
```

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

```
.border{ border-color:#5BA9EF }
```

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

Here you see how a box with a 4 pixel #5BA9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA9EF; -webkit-box-shadow:4px 4px  
4px 4px #5BA9EF; box-shadow:4px 4px 4px  
4px #5BA9EF }
```

Background

The CSS property to change the background color of an element to Hex 5BA9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA9EF }
```

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

```
.background{ background-color:#5BA9EF }
```

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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