

Converting Colors

Hex(5AA4E9)

Have a look what the booklet for
Hex(5AA4E9) contains.

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Color

Hex(5AA4E9)

Conversions

Conversions Part 1

Format	Color
Hex	5AA4E9
RGB	90, 164, 233
RGB Percent	35%, 64%, 91%
CMY	0.6471, 0.3569, 0.0863
CMYK	0.61, 0.30, 0.00, 0.09
HSL	209°, 76%, 63%
HSV	209°, 61%, 91%
XYZ	32.1999, 34.6078, 82.0736
YIQ	149.7400, -66.2530, 5.7710

Conversions

Conversions Part 2

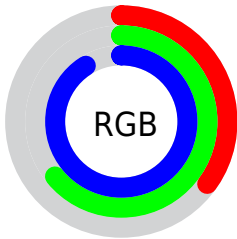
Format	Color
R _Y B	90, 139, 233
Decimal	5940457
CIE Lab	65.44, -2.49, -41.60
CIE LCh	65, 41.673, 266.581
Yxy	34.6078, 0.2163, 0.2325
Android (android.graphics.Color)	4284130537 (0xFF5AA4E9)
YUV	149.7400, 41.0472, -52.3920
Hunter-Lab	58.8284, -5.2471, -41.5378

Details

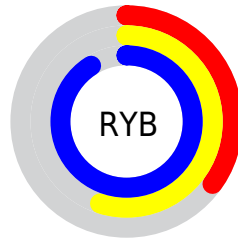
The Hex color **5AA4E9** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E99F5A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **97DBFF**, and **0071B1** is the 20% darker color. If you saturate the color by 10%, you get **4399E9**, and if you desaturate by 10%, it is **71AFE9**.

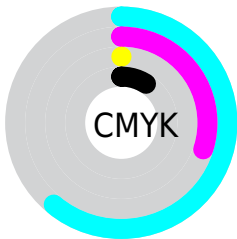
Distribution



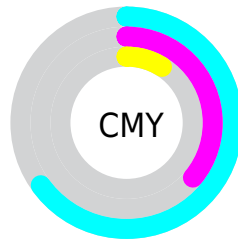
- Red (35%)
- Green (64%)
- Blue (91%)



- Red (35%)
- Yellow (55%)
- Blue (91%)



- Cyan (61%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (65%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA4E9 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 5AA4E9 by changing the saturation by 10% instead.

■ 5AA4E9

■ 5AA4E9

FFFFFF

■ 388ACD

■ 97DBFF

■ 0071B1

■ B5F7FF

■ 005896

■ D2FFFF

■ 00417C

■ F1FFFF

■ 002C63

■ 00184A

■ 000433

■ 00021D

■ 000000

■ 5AA4E9

■ 5AA4E9

■ 4399E9

■ 71AFE9

■ 2B8EE9

■ 89BAE9

■ 1482E9

■ A0C6E9

■ 0079E9

■ B7D1E9

■ CEDCE9

■ E6E7E9

■ FDF3E9

■ FFFEE9

■ FFFFEE9

Harmonies

Analogous

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



00ADDC



5AA4E9



9C97E2

Triad

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



5AA4E9



E6837F



68AE74

Complementary

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



5AA4E9



E99F5A

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.



95A75A



5AA4E9



D78E62

Square

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



5AA4E9



E281A5



BA9B53



27B299

Rectangle

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



5AA4E9



BD8DD3



BA9B53



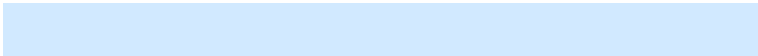
78AC6A

Sweetspot

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



5AA4E9



D1E9FF



5AE99D



637280



000000



808080

Same Dimension

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



5AA4E9



42A4FF



5A5FE9



6A7075



005EB5



001C36

Inverse Universe

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



E95AA4



FF42A4



E9E45A



756A70



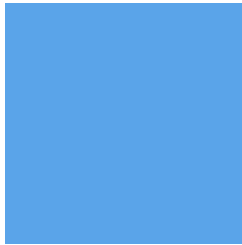
B5005E



36001C

Previews

White Background



This preview shows how the Hex color 5AA4E9 looks on a white background.

Color Contrast Check

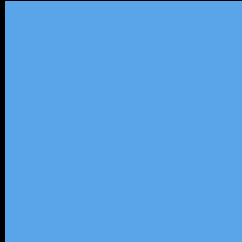
Large Text (above 18pt) WCAG AA × Fail

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 5AA4E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

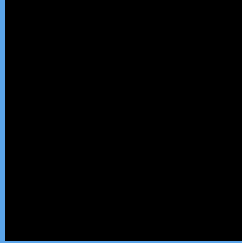
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

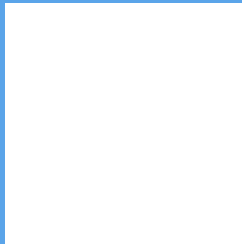
Any Text WCAG AAA ✓ Pass

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

Hex 5AA4E9 Background



This preview shows how black text looks on a background with the Hex color 5AA4E9.

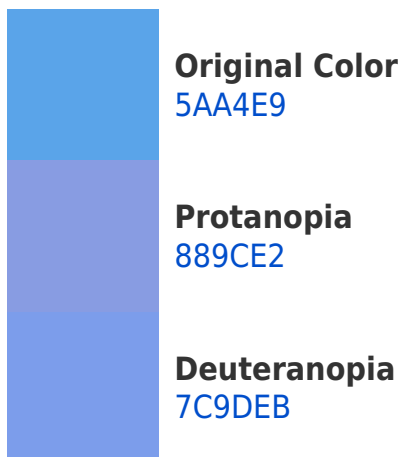


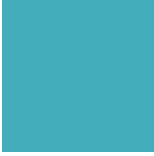
This preview shows how white text looks on a background with the Hex color 5AA4E9.

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](#).

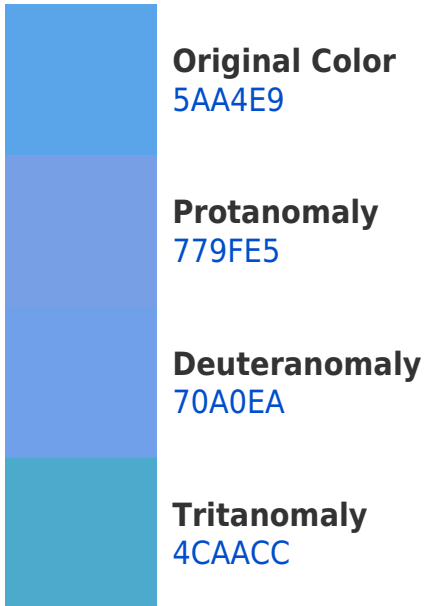
Dichromacy





Tritanopia
44ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA4E9 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 #5AA4E9 looks like.

```
.text, #text, p{  
    color:#5AA4E9  
}
```

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 #5AA4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA4E9
}
```

Border

The CSS property to change the border of an element to Hex 5AA4E9 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
#5AA4E9 }
```

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

```
.border{ border-color:#5AA4E9 }
```

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

Here you see how a box with a 4 pixel #5AA4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA4E9; -webkit-box-shadow:4px 4px  
4px 4px #5AA4E9; box-shadow:4px 4px 4px  
4px #5AA4E9 }
```

Background

The CSS property to change the background color of an element to Hex 5AA4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA4E9 }
```

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

```
.background{ background-color:#5AA4E9 }
```

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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