

Converting Colors

Hex(5AB2E9)

Have a look what the booklet for
Hex(5AB2E9) contains.

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Color

Hex(5AB2E9)

Conversions

Conversions Part 1

Format	Color
Hex	5AB2E9
RGB	90, 178, 233
RGB Percent	35%, 70%, 91%
CMY	0.6471, 0.3020, 0.0863
CMYK	0.61, 0.24, 0.00, 0.09
HSL	203°, 76%, 63%
HSV	203°, 61%, 91%
XYZ	34.8448, 39.8976, 82.9553
YIQ	157.9580, -70.1030, -1.5510

Conversions

Conversions Part 2

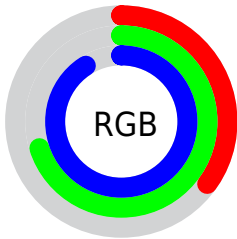
Format	Color
R _Y B	90, 144, 233
Decimal	5944041
CIE Lab	69.40, -10.24, -35.43
CIE LCh	69, 36.880, 253.885
Yxy	39.8976, 0.2210, 0.2530
Android (android.graphics.Color)	4284134121 (0xFF5AB2E9)
YUV	157.9580, 36.9957, -59.5992
Hunter-Lab	63.1646, -12.0683, -33.6515

Details

The Hex color **5AB2E9** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E9915A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **97EAFF**, and **007DB1** is the 20% darker color. If you saturate the color by 10%, you get **43A9E9**, and if you desaturate by 10%, it is **71BBE9**.

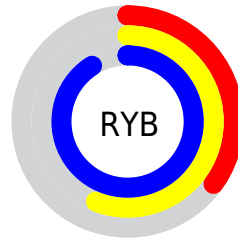
Distribution



Red (35%)

Green (70%)

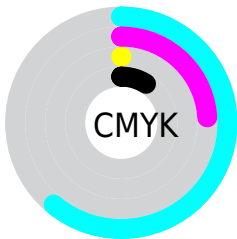
Blue (91%)



Red (35%)

Yellow (56%)

Blue (91%)

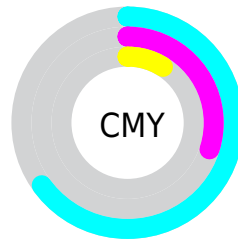


Cyan (61%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (65%)

Magenta (30%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB2E9 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 5AB2E9 by changing the saturation by 10% instead.

■ 5AB2E9

■ 5AB2E9

FFFFFF

■ 3897CD

■ 97EAFB

■ 007DB1

■ B5FFFF

■ 006596

■ D3FFFF

■ 004D7C

■ F1FFFF

■ 003663

■ 00214B

■ 000434

■ 00021E

■ 000000

■ 5AB2E9

■ 5AB2E9

■ 43A9E9

■ 71BBE9

■ 2BA0E9

■ 89C4E9

■ 1497E9

■ A0CDE9

■ 008FE9

■ B7D6E9

■ CEDFE9

■ E6E8E9

■ FDF1E9

■ FFFAE9

■ FFFFE9

Harmonies

Analogous

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



24B9D7



5AB2E9



93A7EA

Triad

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



5AB2E9



EB909B



8BB578

Complementary

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



5AB2E9



E9915A

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.



B0AC68



5AB2E9



E4967D

Square

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



5AB2E9



DF92BD



CFA169



61BA96

Rectangle

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



5AB2E9



B39FE1



CFA169



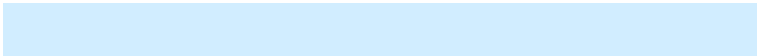
98B371

Sweetspot

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



5AB2E9



D1EDFF



5AE991



637580



000000



808080

Same Dimension

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



5AB2E9



42B6FF



5A6BE9



6A7175



006FB5



002136

Inverse Universe

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



E95AB2



FF42B6



E9D85A



756A71



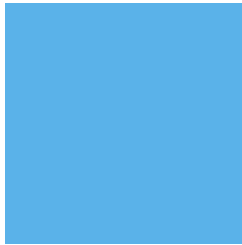
B5006F



360021

Previews

White Background



This preview shows how the Hex color 5AB2E9 looks on a white background.

Color Contrast Check

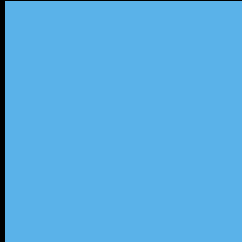
Large Text (above 18pt) WCAG AA × Fail

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 5AB2E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

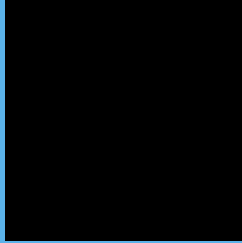
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

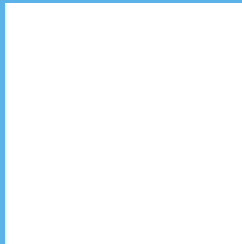
Any Text WCAG AAA ✓ Pass

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

Hex 5AB2E9 Background



This preview shows how black text looks on a background with the Hex color 5AB2E9.

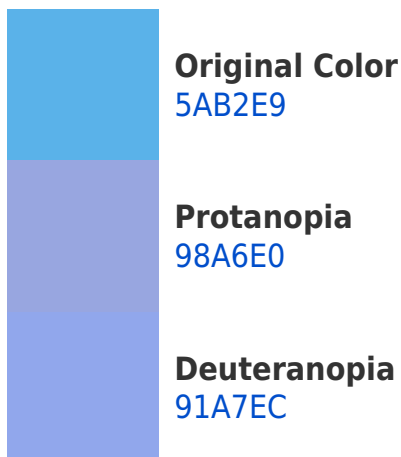


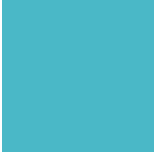
This preview shows how white text looks on a background with the Hex color 5AB2E9.

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](#).

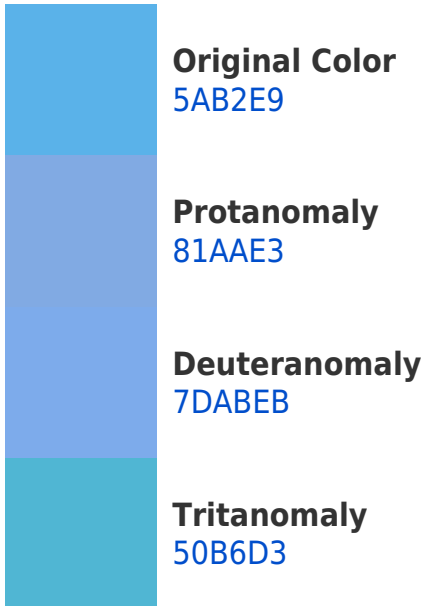
Dichromacy



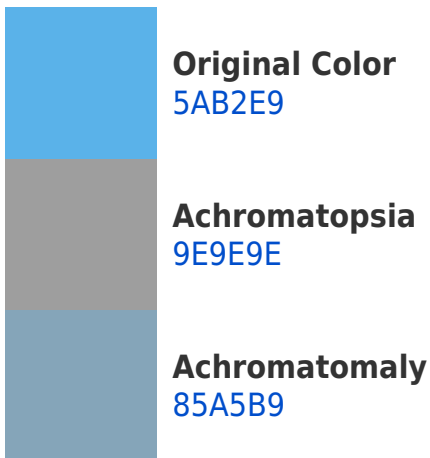


Tritanopia
4AB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB2E9 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 #5AB2E9 looks like.

```
.text, #text, p{  
    color:#5AB2E9  
}
```

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 #5AB2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB2E9
}
```

Border

The CSS property to change the border of an element to Hex 5AB2E9 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
#5AB2E9 }
```

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

```
.border{ border-color:#5AB2E9 }
```

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

Here you see how a box with a 4 pixel #5AB2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB2E9; -webkit-box-shadow:4px 4px  
4px 4px #5AB2E9; box-shadow:4px 4px 4px  
4px #5AB2E9 }
```

Background

The CSS property to change the background color of an element to Hex 5AB2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB2E9 }
```

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

```
.background{ background-color:#5AB2E9 }
```

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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