

# Converting Colors

Hex(52B1E9)

Have a look what the booklet for  
Hex(52B1E9) contains.

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# **Color**

**Hex(52B1E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B1E9
RGB	82, 177, 233
RGB Percent	32%, 69%, 91%
CMY	0.6784, 0.3059, 0.0863
CMYK	0.65, 0.24, 0.00, 0.09
HSL	202°, 77%, 62%
HSV	202°, 65%, 91%
XYZ	33.9098, 39.1213, 82.8547
YIQ	154.9790, -74.5960, -2.7240

# Conversions

## Conversions Part 2

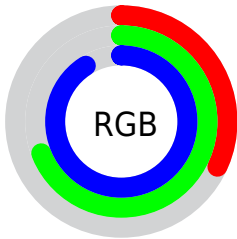
Format	Color
R <sub>Y</sub> B	82, 140, 233
Decimal	5419497
CIE Lab	68.84, -11.06, -36.32
CIE LCh	69, 37.966, 253.058
Yxy	39.1213, 0.2175, 0.2510
Android (android.graphics.Color)	4283609577 (0xFF52B1E9)
YUV	154.9790, 38.4644, -64.0026
Hunter-Lab	62.5470, -12.6838, -34.7573

# Details

The Hex color **52B1E9** 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 **E98A52**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **91E9FF**, and **007DB1** is the 20% darker color. If you saturate the color by 10%, you get **3BA8E9**, and if you desaturate by 10%, it is **69BAE9**.

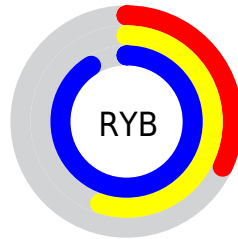
# Distribution



Red (32%)

Green (69%)

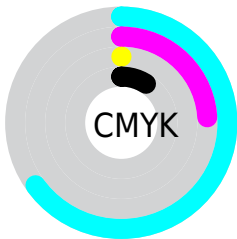
Blue (91%)



Red (32%)

Yellow (55%)

Blue (91%)

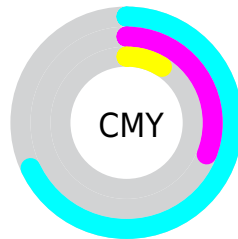


Cyan (65%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (68%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B1E9 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 52B1E9 by changing the saturation by 10% instead.



■ 52B1E9

FFFFFF

■ 91E9FF

■ AFFFFFF

■ CDFFFF

■ EBFFFF

■ 52B1E9

■ 2C96CD

■ 007DB1

■ 006496

■ 004C7C

■ 003563

■ 00204B

■ 000434

■ 00021E

■ 000000

■ 52B1E9

■ 52B1E9

■ 3BA8E9

■ 69BAE9

■ 23A0E9

■ 81C2E9

■ 0C97E9

■ 98CBE9

■ 0093E9

■ AFD4E9

■ C7DCE9

■ DEE5E9

■ F5EDE9

■ FFF6E9

■ FFFFE9

# Harmonies

## Analogous

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



0AB8D6



52B1E9



8FA6EB

# Triad

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



52B1E9



EB8D9A



89B475

# Complementary

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



52B1E9



E98A52

# 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.



B0AB64



52B1E9



E5947B

# Square

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



52B1E9



DF90BD



CF9F66



5EB993

# Rectangle

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



52B1E9



B09EE2



CF9F66



97B16D

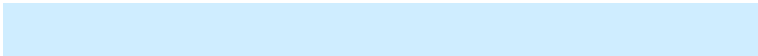


# Sweetspot

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



52B1E9



CFEDFF



52E989



627580



000000



808080



# Same Dimension

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



52B1E9



38B5FF



5266E9



6A7175



0072B5



002236



# Inverse Universe

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



E952B1



FF38B5



E9D552



756A71



B50072

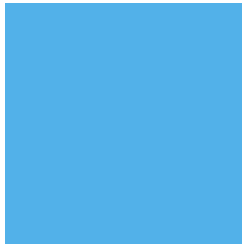


360022



# Previews

## White Background



This preview shows how the Hex color 52B1E9 looks on a white background.

## Color Contrast Check

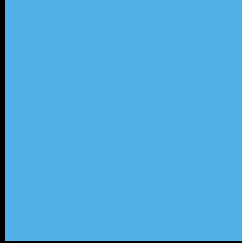
Large Text (above 18pt) WCAG AA × Fail

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 52B1E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

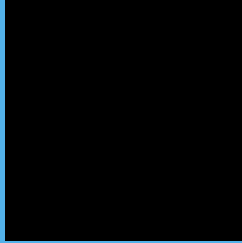
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

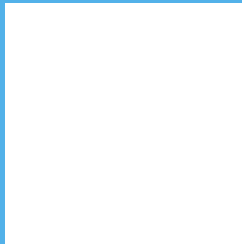
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52B1E9 Background



This preview shows how black text looks on a background with the Hex color 52B1E9.

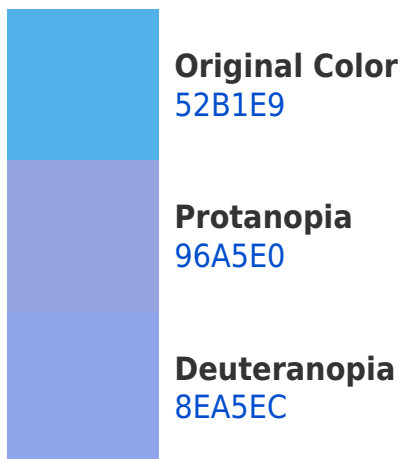


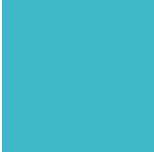
This preview shows how white text looks on a background with the Hex color 52B1E9.

# 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](#).

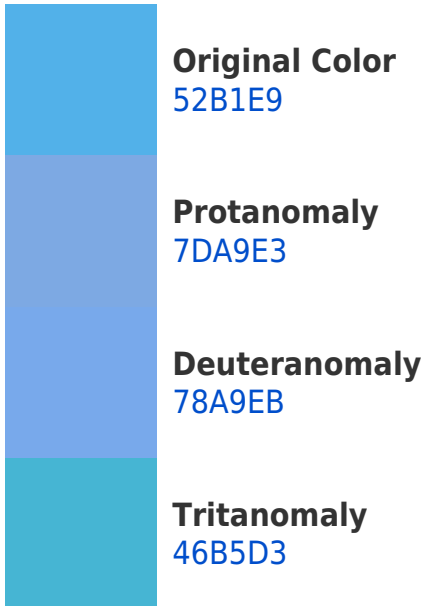
## Dichromacy



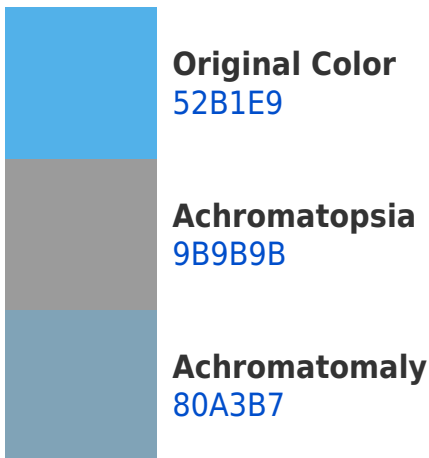


**Tritanopia**  
3FB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B1E9 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 #52B1E9 looks like.

```
.text, #text, p{  
    color:#52B1E9  
}
```

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 #52B1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B1E9
}
```

## Border

The CSS property to change the border of an element to Hex 52B1E9 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
#52B1E9 }
```

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

```
.border{ border-color:#52B1E9 }
```

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

Here you see how a box with a 4 pixel #52B1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B1E9; -webkit-box-shadow:4px 4px  
4px 4px #52B1E9; box-shadow:4px 4px 4px  
4px #52B1E9 }
```

# Background

The CSS property to change the background color of an element to Hex 52B1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B1E9 }
```

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

```
.background{ background-color:#52B1E9 }
```

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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