

Converting Colors

Hex(3B82E9)

Have a look what the booklet for
Hex(3B82E9) contains.

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Color

Hex(3B82E9)

Conversions

Conversions Part 1

Format	Color
Hex	3B82E9
RGB	59, 130, 233
RGB Percent	23%, 51%, 91%
CMY	0.7686, 0.4902, 0.0863
CMYK	0.75, 0.44, 0.00, 0.09
HSL	216°, 80%, 57%
HSV	216°, 75%, 91%
XYZ	24.4942, 22.7783, 80.1965
YIQ	120.5130, -75.3790, 16.9810

Conversions

Conversions Part 2

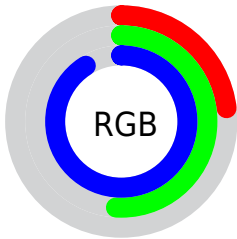
Format	Color
R_{YB}	59, 109, 233
Decimal	3900137
CIE _{Lab}	54.84, 12.83, -58.47
CIE _{LCh}	55, 59.865, 282.371
Yxy	22.7783, 0.1922, 0.1787
Android (android.graphics.Color)	4282090217 (0xFF3B82E9)
YUV	120.5130, 55.4561, -53.9469
Hunter-Lab	47.7266, 8.0883, -66.2182

Details

The Hex color **3B82E9** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **E9A23B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **80B6FF**, and **0052B1** is the 20% darker color. If you saturate the color by 10%, you get **2474E9**, and if you desaturate by 10%, it is **5290E9**.

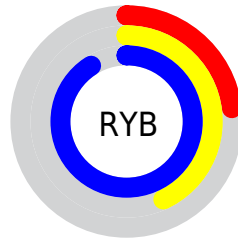
Distribution



Red (23%)

Green (51%)

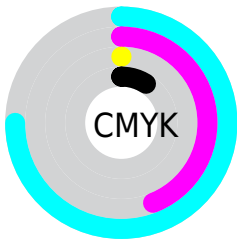
Blue (91%)



Red (23%)

Yellow (43%)

Blue (91%)

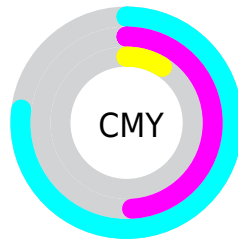


Cyan (75%)

Magenta (44%)

Yellow (0%)

Black (9%)



Cyan (77%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B82E9 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 3B82E9 by changing the saturation by 10% instead.

 3B82E9

 3B82E9

FFFFFF

 0069CC

 80B6FF

 0052B1

 9FD2FF

 003B95

 BEEEFF


 00277B

 DCFFFF

 001461

 FBFFFF

 000949

 000431

 00011B

 000000

■ 3B82E9

■ 3B82E9

■ 2474E9

■ 5290E9

■ 0C66E9

■ 6A9EE9

■ 005FE9

■ 81ABE9

■ 98B9E9

■ B0C7E9

■ C7D5E9

■ DEE3E9

■ F5F0E9

■ FFFEE9

Harmonies

Analogous

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



0091E6



3B82E9



A16CD0

Triad

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



3B82E9



D55F3F



009A62

Complementary

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



3B82E9



E9A23B

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.



4E9330



3B82E9



B67515

Square

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



3B82E9



E05070



898804



009C98

Rectangle

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



3B82E9



C55CB4



898804



009851

Sweetspot

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



3B82E9



C7DEFF



3BE9A1



5E6C80



000000



808080

Same Dimension

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



3B82E9



1977FF



4A3BE9



6A6E75



004AB5



001636

Inverse Universe

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



E93B82



FF1977



DBE93B



756A6E



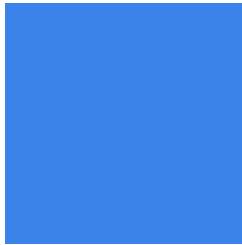
B5004A



360016

Previews

White Background



This preview shows how the Hex color 3B82E9 looks on a white background.

Color Contrast Check

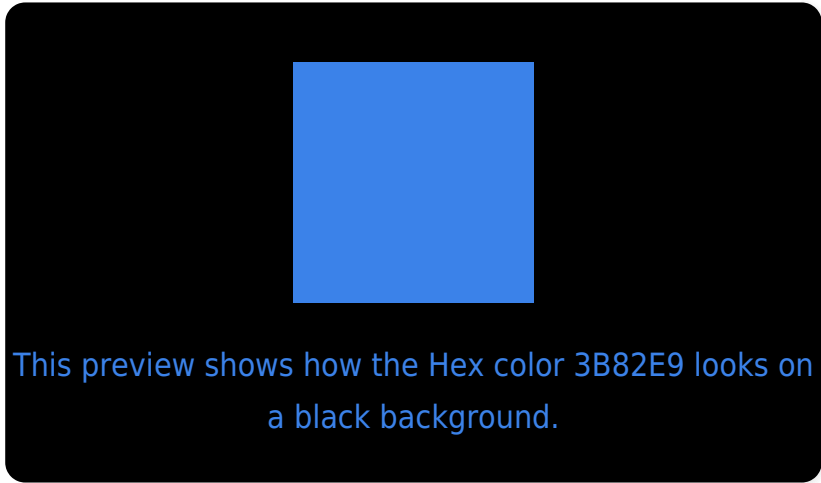
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

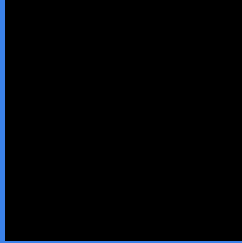
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

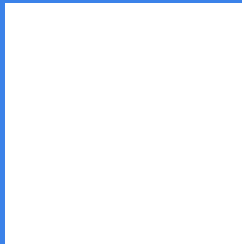
Any Text WCAG AAA × Fail

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

Hex 3B82E9 Background



This preview shows how black text looks on a background with the Hex color 3B82E9.



This preview shows how white text looks on a background with the Hex color 3B82E9.

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



Original Color
3B82E9

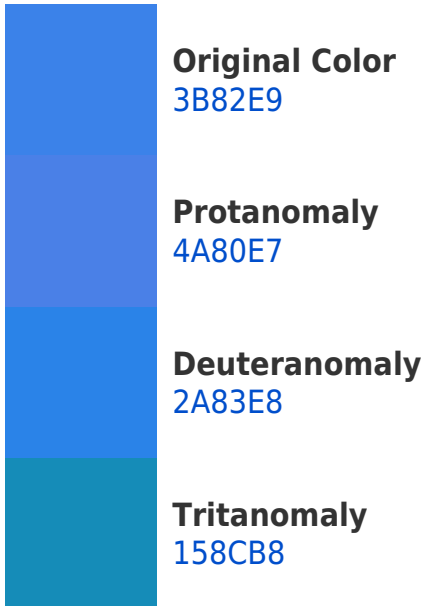
Protanopia
537FE6

Deuteranopia
2184E8

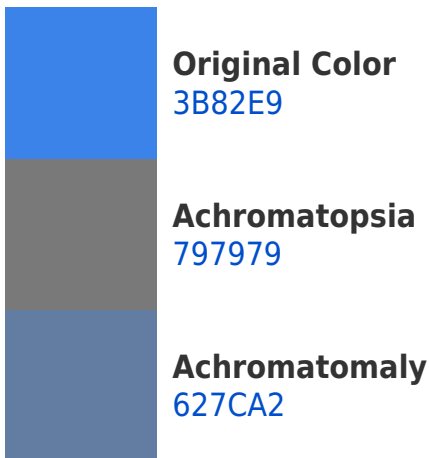


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B82E9 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 #3B82E9 looks like.

```
.text, #text, p{  
    color:#3B82E9  
}
```

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 #3B82E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B82E9
}
```

Border

The CSS property to change the border of an element to Hex 3B82E9 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
#3B82E9 }
```

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

```
.border{ border-color:#3B82E9 }
```

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

Here you see how a box with a 4 pixel #3B82E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B82E9; -webkit-box-shadow:4px 4px  
4px 4px #3B82E9; box-shadow:4px 4px 4px  
4px #3B82E9 }
```

Background

The CSS property to change the background color of an element to Hex 3B82E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B82E9 }
```

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

```
.background{ background-color:#3B82E9 }
```

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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