

Converting Colors

Hex(3BAAF9)

Have a look what the booklet for
Hex(3BAAF9) contains.

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Color

Hex(3BAAF9)

Conversions

Conversions Part 1

Format	Color
Hex	3BAAF9
RGB	59, 170, 249
RGB Percent	23%, 67%, 98%
CMY	0.7686, 0.3333, 0.0235
CMYK	0.76, 0.32, 0.00, 0.02
HSL	205°, 94%, 60%
HSV	205°, 76%, 98%
XYZ	33.2772, 36.5188, 94.9175
YIQ	145.8170, -91.5150, 1.0370

Conversions

Conversions Part 2

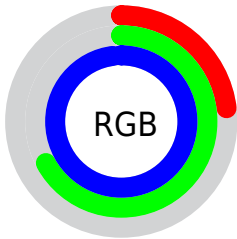
Format	Color
R _{YB}	59, 129, 249
Decimal	3910393
CIE Lab	66.91, -4.99, -48.10
CIE LCh	67, 48.357, 264.081
Yxy	36.5188, 0.2020, 0.2217
Android (android.graphics.Color)	4282100473 (0xFF3BAAF9)
YUV	145.8170, 50.8692, -76.1385
Hunter-Lab	60.4308, -7.4598, -50.8241

Details

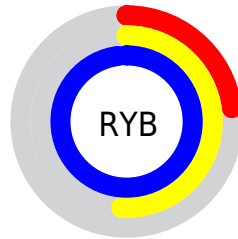
The Hex color **3BAAF9** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F98A3B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **83E1FF**, and **0076C0** is the 20% darker color. If you saturate the color by 10%, you get **22A0F9**, and if you desaturate by 10%, it is **54B4F9**.

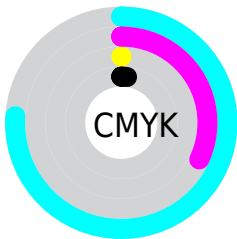
Distribution



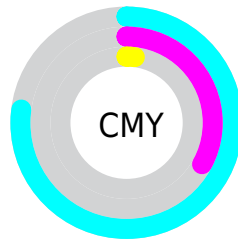
- Red (23%)
- Green (67%)
- Blue (98%)



- Red (23%)
- Yellow (51%)
- Blue (98%)



- Cyan (76%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (77%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BAAF9 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 3BAAF9 by changing the saturation by 10% instead.

 3BAAF9

 3BAAF9


FFFFFF

 0090DC

 83E1FF

 0076C0

 A3FEFF

 005EA5

 C2FFFF

 00478A

 E1FFFF

 003170

 001D57

 00063F

 000328

 000112

■ 3BAAF9

■ 3BAAF9

■ 22A0F9

■ 54B4F9

■ 0995F9

■ 6DBFF9

■ 0091F9

■ 86C9F9

■ 9FD3F9

■ B7DEF9

■ D0E8F9

■ E9F2F9

■ FFFDF9

■ FFFFF9

Harmonies

Analogous

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



00B4E8



3BAAF9



989BF2

Triad

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



3BAAF9



F48182



65B46E

Complementary

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



3BAAF9



F98A3B

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.



9AAB50



3BAAF9



E48D5D

Square

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



3BAAF9



EF7FAD



C49D4A



00B898

Rectangle

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



3BAAF9



C18FE2



C49D4A



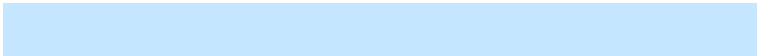
78B162

Sweetspot

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



3BAAF9



C4E7FF



3BF987



5C7180



000000



808080

Same Dimension

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



3BAAF9



149DFF



3B4EF9



70787D



006EBD



00243D

Inverse Universe

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



F93BAA



FF149D



F9E63B



7D7078



BD006E



3D0024

Previews

White Background



This preview shows how the Hex color 3BAAF9 looks on a white background.

Color Contrast Check

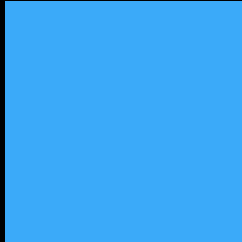
Large Text (above 18pt) WCAG AA × Fail

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 3BAAF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

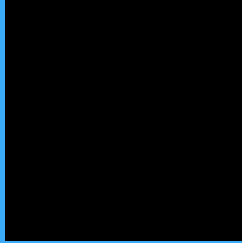
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

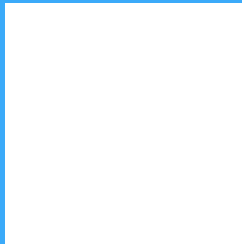
Any Text WCAG AAA ✓ Pass

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

Hex 3BAAF9 Background



This preview shows how black text looks on a background with the Hex color 3BAAF9.

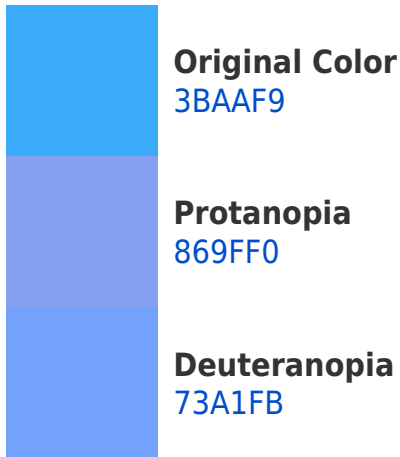


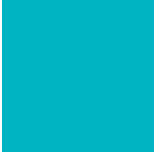
This preview shows how white text looks on a background with the Hex color 3BAAF9.

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](#).

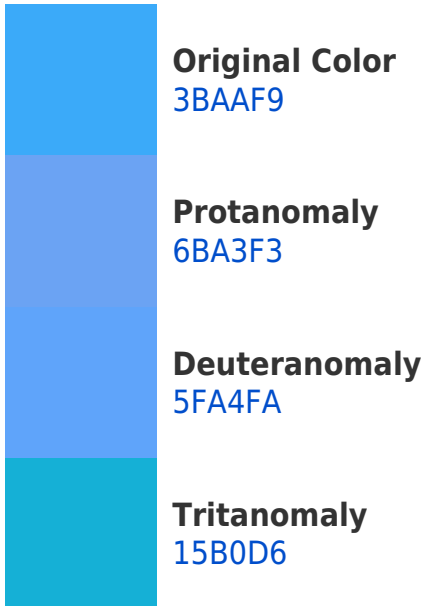
Dichromacy



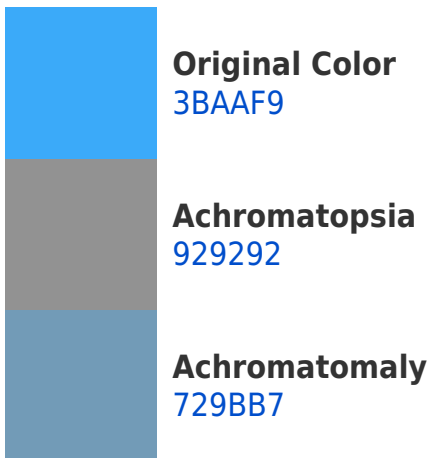


Tritanopia
00B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BAAF9 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 #3BAAF9 looks like.

```
.text, #text, p{  
    color:#3BAAF9  
}
```

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 #3BAAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BAAF9
}
```

Border

The CSS property to change the border of an element to Hex 3BAAF9 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
#3BAAF9 }
```

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

```
.border{ border-color:#3BAAF9 }
```

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

Here you see how a box with a 4 pixel #3BAAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BAAF9; -webkit-box-shadow:4px 4px  
4px 4px #3BAAF9; box-shadow:4px 4px 4px  
4px #3BAAF9 }
```

Background

The CSS property to change the background color of an element to Hex 3BAAF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BAAF9 }
```

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

```
.background{ background-color:#3BAAF9 }
```

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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