

Converting Colors

Hex(3489DF)

Have a look what the booklet for
Hex(3489DF) contains.

Hex(3489DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3489DF)

Conversions

Conversions Part 1

Format	Color
Hex	3489DF
RGB	52, 137, 223
RGB Percent	20%, 54%, 87%
CMY	0.7961, 0.4627, 0.1255
CMYK	0.77, 0.39, 0.00, 0.13
HSL	210°, 73%, 54%
HSV	210°, 77%, 87%
XYZ	23.6811, 23.9491, 73.1865
YIQ	121.3890, -78.2660, 8.7260

Conversions

Conversions Part 2

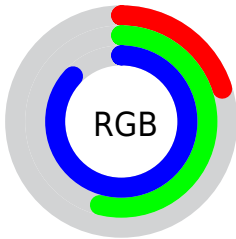
Format	Color
R _Y B	52, 109, 223
Decimal	3443167
CIE Lab	56.04, 4.12, -50.99
CIE LCh	56, 51.159, 274.619
Yxy	23.9491, 0.1960, 0.1982
Android (android.graphics.Color)	4281633247 (0xFF3489DF)
YUV	121.3890, 50.0942, -60.8542
Hunter-Lab	48.9378, 0.7354, -54.4118




Details

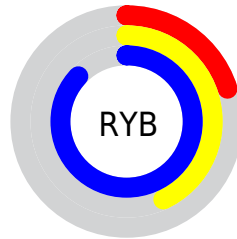
The Hex color **3489DF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **DF8A34**, and the grayscale version is **797979**.




A 20% lighter version of the original color is **7ABEFF**, and **0058A7** is the 20% darker color. If you saturate the color by 10%, you get **1E7EDF**, and if you desaturate by 10%, it is **4A94DF**.

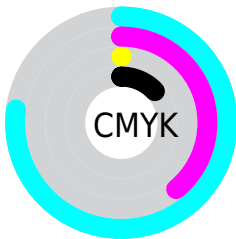
Distribution







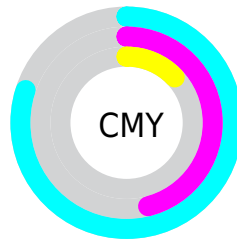
-  Red (20%)
-  Green (54%)
-  Blue (87%)






-  Red (20%)
-  Yellow (43%)
-  Blue (87%)



-  Cyan (77%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (80%)
-  Magenta (46%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3489DF 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 3489DF by changing the saturation by 10% instead.

 3489DF

 3489DF

FFFFFF

 0070C3

 7ABEFF

 0058A7

 99DAFF

 00418C

 B7F6FF

 002C72

 D6FFFF

 001859

 F4FFFF

 000741

 00032A

 000114

 000000

■ 3489DF

■ 3489DF

■ 1E7EDF

■ 4A94DF

■ 0773DF

■ 619FDF

■ 006FDF

■ 77ABDF

■ 8DB6DF

■ A3C1DF

■ BACCDF

■ D0D8DF

■ E6E3DF

■ FDEEDF

Harmonies

Analogous

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



0095D6



3489DF



9178D0

Triad

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



3489DF



D36556



20995E

Complementary

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



3489DF



DF8A34

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.



6A9238



3489DF



BC7634

Square

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



3489DF



D75E81



988626



009C8C

Rectangle

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



3489DF



B56BBA



988626



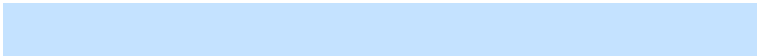
419750

Sweetspot

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



3489DF



C4E2FF



34DF89



5C6E80



000000



808080

Same Dimension

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



3489DF



1489FF



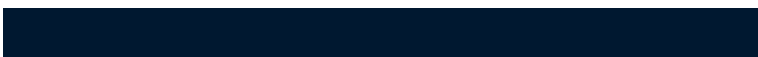
3434DF



656B70



0057B0



001830

Inverse Universe

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



DF3489



FF1489



DFDF34



70656B



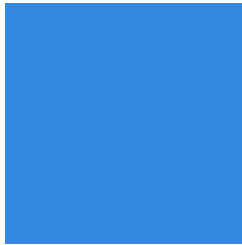
B00057



300018

Previews

White Background



This preview shows how the Hex color 3489DF looks on a white background.

Color Contrast Check

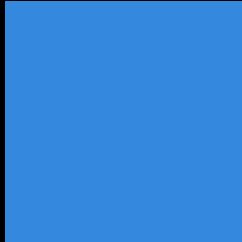
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3489DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

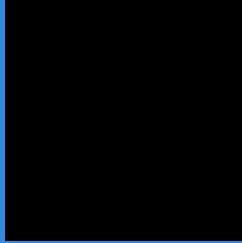
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

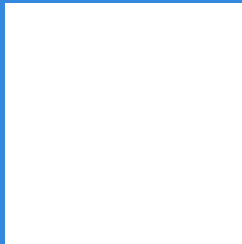
Any Text WCAG AAA × Fail

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

Hex 3489DF Background



This preview shows how black text looks on a background with the Hex color 3489DF.



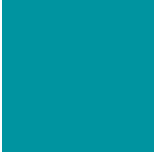
This preview shows how white text looks on a background with the Hex color 3489DF.

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](#).

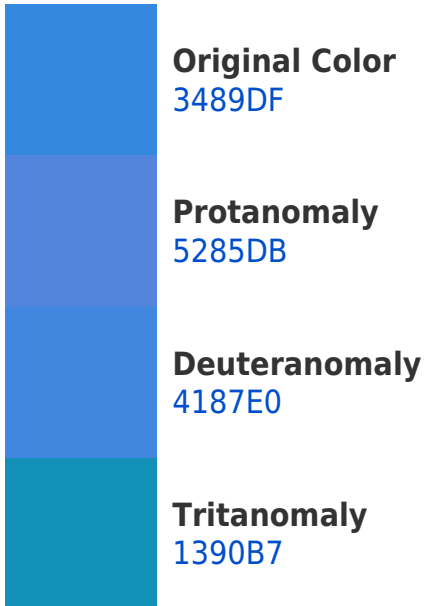
Dichromacy





Tritanopia
0094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3489DF 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 #3489DF looks like.

```
.text, #text, p{  
    color:#3489DF  
}
```

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 #3489DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3489DF
}
```

Border

The CSS property to change the border of an element to Hex 3489DF 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
#3489DF }
```

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

```
.border{ border-color:#3489DF }
```

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

Here you see how a box with a 4 pixel #3489DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3489DF; -webkit-box-shadow:4px 4px  
4px 4px #3489DF; box-shadow:4px 4px 4px  
4px #3489DF }
```

Background

The CSS property to change the background color of an element to Hex 3489DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3489DF }
```

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

```
.background{ background-color:#3489DF }
```

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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