

Converting Colors

Hex(3B89DA)

Have a look what the booklet for
Hex(3B89DA) contains.

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Color

Hex(3B89DA)

Conversions

Conversions Part 1

Format	Color
Hex	3B89DA
RGB	59, 137, 218
RGB Percent	23%, 54%, 85%
CMY	0.7686, 0.4627, 0.1451
CMYK	0.73, 0.37, 0.00, 0.15
HSL	211°, 68%, 54%
HSV	211°, 73%, 85%
XYZ	23.4042, 23.8831, 69.7060
YIQ	122.9120, -72.4890, 8.6550

Conversions

Conversions Part 2

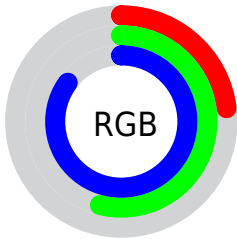
Format	Color
R_{YB}	59, 111, 218
Decimal	3901914
CIE _{Lab}	55.97, 3.17, -48.28
CIE _{LCh}	56, 48.389, 273.761
Yxy	23.8831, 0.2000, 0.2041
Android (android.graphics.Color)	4282091994 (0xFF3B89DA)
YUV	122.9120, 46.8784, -56.0508
Hunter-Lab	48.8703, -0.0387, -50.3589

Details

The Hex color **3B89DA** 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 **DA8C3B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7DBEFF**, and **0058A3** is the 20% darker color. If you saturate the color by 10%, you get **257EDA**, and if you desaturate by 10%, it is **5194DA**.

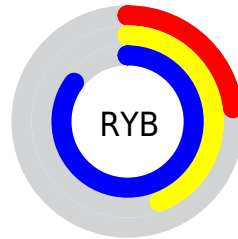
Distribution



Red (23%)

Green (54%)

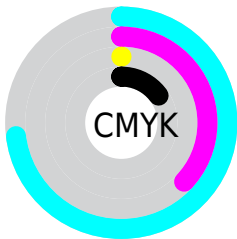
Blue (85%)



Red (23%)

Yellow (44%)

Blue (85%)

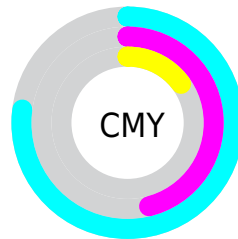


Cyan (73%)

Magenta (37%)

Yellow (0%)

Black (15%)



Cyan (77%)

Magenta (46%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B89DA 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 3B89DA by changing the saturation by 10% instead.

■ 3B89DA

■ 3B89DA

FFFFFF

■ 0070BE

■ 7DBEFF

■ 0058A3

■ 9BDAFF

■ 004188

■ BAF6FF

■ 002C6E

■ D8FFFF

■ 001855

■ F6FFFF

■ 00063D

■ 000327

■ 000110

■ 000000

■ 3B89DA

■ 3B89DA

■ 257EDA

■ 5194DA

■ 0F73DA

■ 679FDA

■ 006BDA

■ 7CAADA

■ 92B5DA

■ A8C1DA

■ BECCDA

■ D4D7DA

■ E9E2DA

■ FFEDDA

Harmonies

Analogous

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



0094D1



3B89DA



8F79CC

Triad

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



3B89DA



D0675A



2E985F

Complementary

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



3B89DA



DA8C3B

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.



6D913C



3B89DA



BB763A

Square

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



3B89DA



D36183



99862D



009B8A

Rectangle

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



3B89DA



B16DB8



99862D



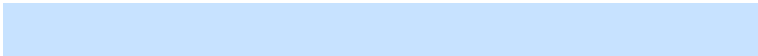
489652

Sweetspot

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



3B89DA



C7E2FF



3BDA8A



5E6F80



000000



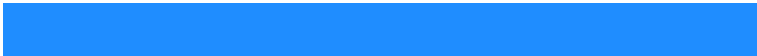
808080

Same Dimension

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



3B89DA



1F8DFF



3B3BDA



63686E



0055AD



00172E

Inverse Universe

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



DA3B89



FF1F8D



DADA3B



6E6368



AD0055



2E0017

Previews

White Background



This preview shows how the Hex color 3B89DA 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 3B89DA 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 3B89DA Background



This preview shows how black text looks on a background with the Hex color 3B89DA.

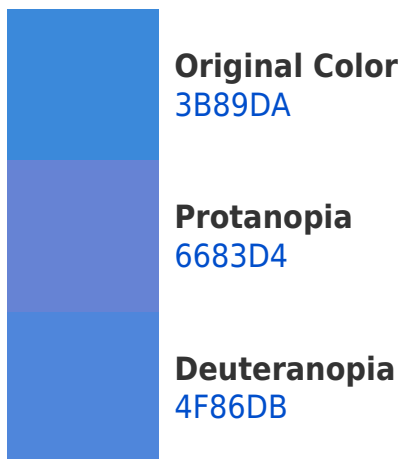


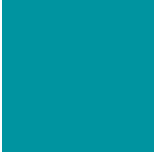
This preview shows how white text looks on a background with the Hex color 3B89DA.

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](#).

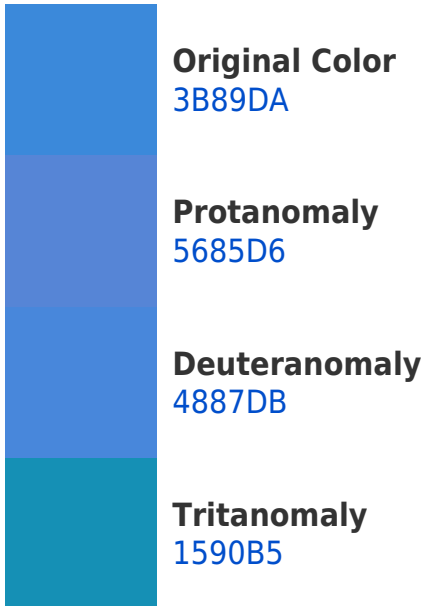
Dichromacy





Tritanopia
0094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B89DA 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 #3B89DA looks like.

```
.text, #text, p{  
    color:#3B89DA  
}
```

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 #3B89DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B89DA
}
```

Border

The CSS property to change the border of an element to Hex 3B89DA 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
#3B89DA }
```

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

```
.border{ border-color:#3B89DA }
```

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

Here you see how a box with a 4 pixel #3B89DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B89DA; -webkit-box-shadow:4px 4px  
4px 4px #3B89DA; box-shadow:4px 4px 4px  
4px #3B89DA }
```

Background

The CSS property to change the background color of an element to Hex 3B89DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B89DA }
```

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

```
.background{ background-color:#3B89DA }
```

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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