

Converting Colors

Hex(3B99E5)

Have a look what the booklet for
Hex(3B99E5) contains.

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Color

Hex(3B99E5)

Conversions

Conversions Part 1

Format	Color
Hex	3B99E5
RGB	59, 153, 229
RGB Percent	23%, 60%, 90%
CMY	0.7686, 0.4000, 0.1020
CMYK	0.74, 0.33, 0.00, 0.10
HSL	207°, 77%, 56%
HSV	207°, 74%, 90%
XYZ	27.3377, 29.3694, 78.3568
YIQ	133.5580, -80.4200, 3.7080

Conversions

Conversions Part 2

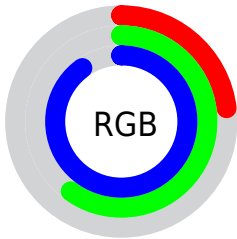
Format	Color
R _Y B	59, 120, 229
Decimal	3906021
CIE Lab	61.11, -2.31, -46.28
CIE LCh	61, 46.342, 267.148
Yxy	29.3694, 0.2024, 0.2174
Android (android.graphics.Color)	4282096101 (0xFF3B99E5)
YUV	133.5580, 47.0529, -65.3874
Hunter-Lab	54.1936, -4.7951, -47.7901

Details

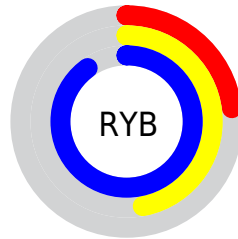
The Hex color **3B99E5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **E5873B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FCFFF**, and **0066AD** is the 20% darker color. If you saturate the color by 10%, you get **248FE5**, and if you desaturate by 10%, it is **52A3E5**.

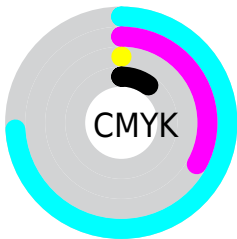
Distribution



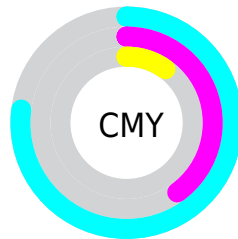
- Red (23%)
- Green (60%)
- Blue (90%)



- Red (23%)
- Yellow (47%)
- Blue (90%)



- Cyan (74%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (77%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B99E5 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 3B99E5 by changing the saturation by 10% instead.

■ 3B99E5

■ 3B99E5

FFFFFF

■ 007FC9

■ 7FCFFF

■ 0066AD

■ 9EEBFF

■ 004F92

■ BDFFFF

■ 003878

■ DBFFFF

■ 00245F

■ FAFFFF

■ 000D47

■ 00042F

■ 00011A

■ 000000

■ 3B99E5

■ 3B99E5

■ 248FE5

■ 52A3E5

■ 0D85E5

■ 69ADE5

■ 007FE5

■ 80B8E5

■ 97C2E5

■ ADCCE5

■ C4D6E5

■ DBE1E5

■ F2EBE5

■ FFF5E5

Harmonies

Analogous

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



00A3D7



3B99E5



908ADC

Triad

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



3B99E5



DF7470



53A465

Complementary

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



3B99E5



E5873B

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.



869C47



3B99E5



CE814F

Square

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



3B99E5



DC7199



AF903F



00A88E

Rectangle

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



3B99E5



B47FCC



AF903F



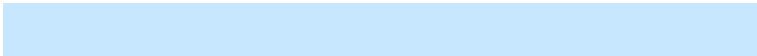
66A25A

Sweetspot

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



3B99E5



C7E6FF



3BE585



5E7180



000000



808080

Same Dimension

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



3B99E5



1C9AFF



3B46E5



676E73



0063B3



001C33

Inverse Universe

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



E53B99



FF1C9A



E5DA3B



73676E



B30063



33001C

Previews

White Background



This preview shows how the Hex color 3B99E5 looks on a white background.

Color Contrast Check

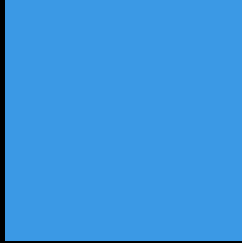
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B99E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

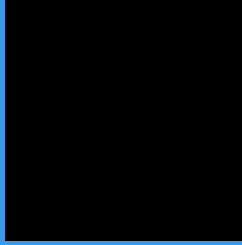
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

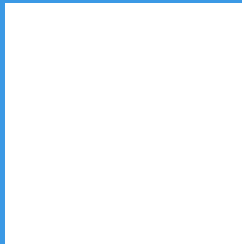
Any Text WCAG AAA × Fail

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

Hex 3B99E5 Background



This preview shows how black text looks on a background with the Hex color 3B99E5.



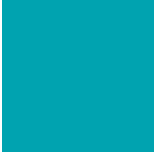
This preview shows how white text looks on a background with the Hex color 3B99E5.

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](#).

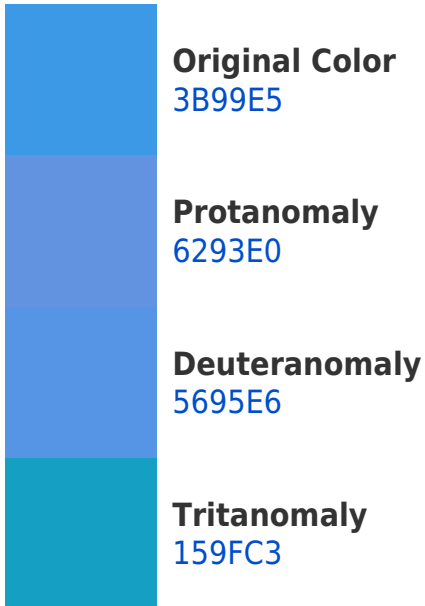
Dichromacy





Tritanopia
00A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B99E5 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 #3B99E5 looks like.

```
.text, #text, p{  
    color:#3B99E5  
}
```

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 #3B99E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B99E5
}
```

Border

The CSS property to change the border of an element to Hex 3B99E5 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
#3B99E5 }
```

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

```
.border{ border-color:#3B99E5 }
```

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

Here you see how a box with a 4 pixel #3B99E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B99E5; -webkit-box-shadow:4px 4px  
4px 4px #3B99E5; box-shadow:4px 4px 4px  
4px #3B99E5 }
```

Background

The CSS property to change the background color of an element to Hex 3B99E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B99E5 }
```

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

```
.background{ background-color:#3B99E5 }
```

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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