

Converting Colors

Hex(3B99E2)

Have a look what the booklet for
Hex(3B99E2) contains.

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Color

Hex(3B99E2)

Conversions

Conversions Part 1

Format	Color
Hex	3B99E2
RGB	59, 153, 226
RGB Percent	23%, 60%, 89%
CMY	0.7686, 0.4000, 0.1137
CMYK	0.74, 0.32, 0.00, 0.11
HSL	206°, 74%, 56%
HSV	206°, 74%, 89%
XYZ	26.9223, 29.2033, 76.1693
YIQ	133.2160, -79.4570, 2.7750

Conversions

Conversions Part 2

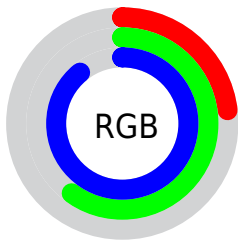
Format	Color
R_{YB}	59, 119, 226
Decimal	3906018
CIE _{Lab}	60.96, -3.36, -44.85
CIE _{LCh}	61, 44.978, 265.718
Yxy	29.2033, 0.2035, 0.2207
Android (android.graphics.Color)	4282096098 (0xFF3B99E2)
YUV	133.2160, 45.7425, -65.0874
Hunter-Lab	54.0400, -5.6427, -45.7411

Details

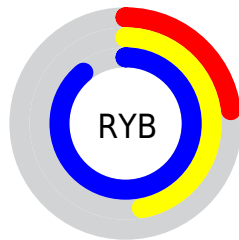
The Hex color **3B99E2** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle washed azure. A complement of this color would be **E2843B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FCFFF**, and **0066AA** is the 20% darker color. If you saturate the color by 10%, you get **248FE2**, and if you desaturate by 10%, it is **52A3E2**.

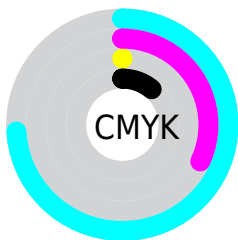
Distribution



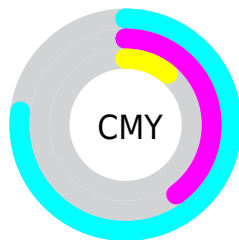
- Red (23%)
- Green (60%)
- Blue (89%)



- Red (23%)
- Yellow (47%)
- Blue (89%)



- Cyan (74%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (77%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B99E2 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 3B99E2 by changing the saturation by 10% instead.

■ 3B99E2

■ 3B99E2

FFFFFF

■ 007FC6

■ 7FCFFF

■ 0066AA

■ 9DEBFF

■ 004F8F

■ BCFFFF

■ 003875

■ DAFFFF

■ 00245C

■ F9FFFF

■ 000D44

■ 00032D

■ 000118

■ 000000

■ 3B99E2

■ 3B99E2

■ 248FE2

■ 52A3E2

■ 0E85E2

■ 68ADE2

■ 007FE2

■ 7FB7E2

■ 95C1E2

■ ACCAE2

■ C3D4E2

■ D9DEE2

■ F0E8E2

■ FFF2E2

Harmonies

Analogous

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



00A2D4



3B99E2



8D8BDB

Triad

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



3B99E2



DD7473



58A365

Complementary

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



3B99E2



E2843B

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.



889B49



3B99E2



CD8052

Square

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



3B99E2



D9729A



B08F42



00A78C

Rectangle

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



3B99E2



B180CB



B08F42



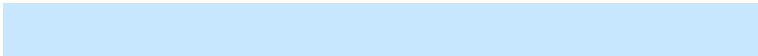
6AA15A

Sweetspot

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



3B99E2



C7E6FF



3BE283



5E7180



000000



808080

Same Dimension

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



3B99E2



1C9CFF



3B46E2



656B70



0063B0



001B30

Inverse Universe

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



E23B99



FF1C9C



E2D73B



70656B



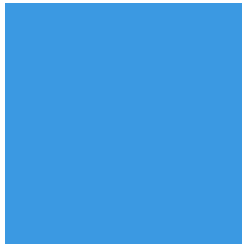
B00063



30001B

Previews

White Background



This preview shows how the Hex color 3B99E2 looks on a white background.

Color Contrast Check

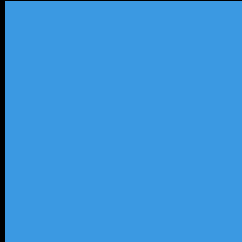
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B99E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

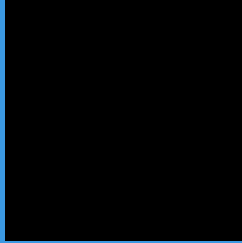
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

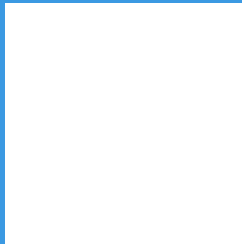
Any Text WCAG AAA × Fail

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

Hex 3B99E2 Background



This preview shows how black text looks on a background with the Hex color 3B99E2.



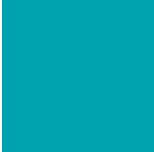
This preview shows how white text looks on a background with the Hex color 3B99E2.

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](#).

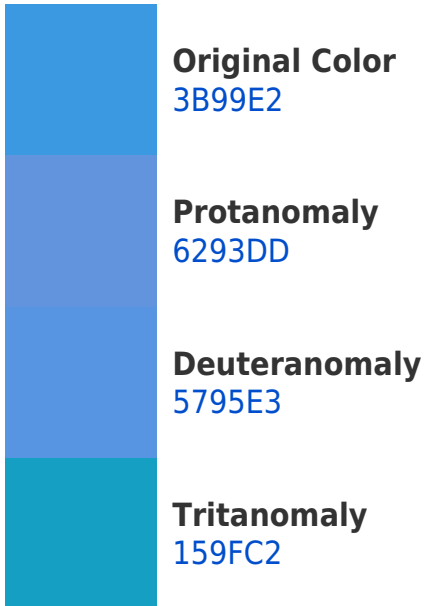
Dichromacy



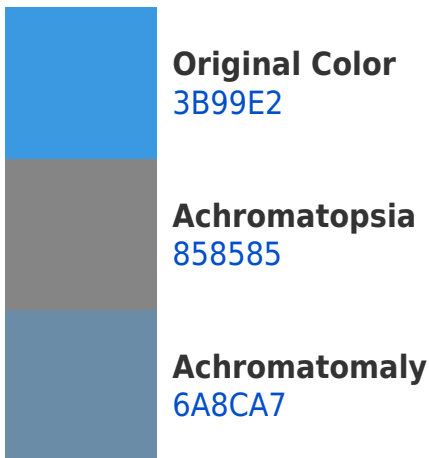


Tritanopia
00A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B99E2 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 #3B99E2 looks like.

```
.text, #text, p{  
    color:#3B99E2  
}
```

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 #3B99E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B99E2
}
```

Border

The CSS property to change the border of an element to Hex 3B99E2 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
#3B99E2 }
```

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

```
.border{ border-color:#3B99E2 }
```

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

Here you see how a box with a 4 pixel #3B99E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B99E2; -webkit-box-shadow:4px 4px  
4px 4px #3B99E2; box-shadow:4px 4px 4px  
4px #3B99E2 }
```

Background

The CSS property to change the background color of an element to Hex 3B99E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B99E2 }
```

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

```
.background{ background-color:#3B99E2 }
```

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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