

Converting Colors

Hex(3A99CC)

Have a look what the booklet for
Hex(3A99CC) contains.

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Color

Hex(3A99CC)

Conversions

Conversions Part 1

Format	Color
Hex	3A99CC
RGB	58, 153, 204
RGB Percent	23%, 60%, 80%
CMY	0.7725, 0.4000, 0.2000
CMYK	0.72, 0.25, 0.00, 0.20
HSL	201°, 59%, 51%
HSV	201°, 72%, 80%
XYZ	24.0352, 28.0416, 61.2725
YIQ	130.4090, -72.9910, -4.2790

Conversions

Conversions Part 2

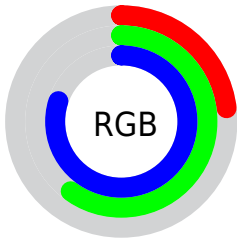
Format	Color
RYB	58, 116, 204
Decimal	3840460
CIELab	59.93, -11.08, -34.21
CIELCh	60, 35.963, 252.048
Yxy	28.0416, 0.2120, 0.2474
Android (android.graphics.Color)	4282030540 (0xFF3A99CC)
YUV	130.4090, 36.2804, -63.5027
Hunter-Lab	52.9544, -11.6515, -31.5353

Details

The Hex color **3A99CC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CC6D3A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7BCFFF**, and **006696** is the 20% darker color. If you saturate the color by 10%, you get **2692CC**, and if you desaturate by 10%, it is **4EA0CC**.

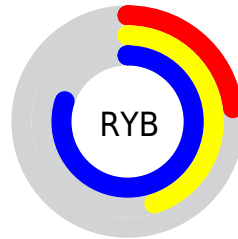
Distribution



Red (23%)

Green (60%)

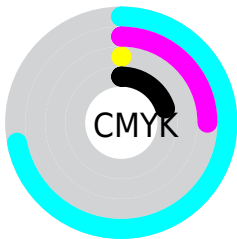
Blue (80%)



Red (23%)

Yellow (45%)

Blue (80%)

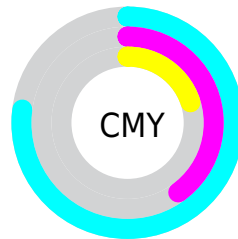


Cyan (72%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (77%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A99CC 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 3A99CC by changing the saturation by 10% instead.

■ 3A99CC

■ 3A99CC

FFFFFF

■ 017FB0

■ 7BCFFF

■ 006696

■ 98EBFF

■ 004E7C

■ B6FFFF

■ 003762

■ D4FFFF

■ 00224A

■ F2FFFF

■ 000434

■ 00021D

■ 000000

■ 3A99CC

■ 3A99CC

■ 2692CC

■ 4EA0CC

■ 118BCC

■ 63A7CC

■ 0085CC

■ 77AECC

■ 8CB6CC

■ A0BDCC

■ B4C4CC

■ C9CBCC

■ DDD2CC

■ F2D9CC

Harmonies

Analogous

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



009FBA



3A99CC



768FCE

Triad

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



3A99CC



CE7785



759B60

Complementary

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



3A99CC



CC6D3A

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.



989351



3A99CC



C87D67

Square

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



3A99CC



C27AA5



B58854



4CA07C

Rectangle

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



3A99CC



9787C6



B58854



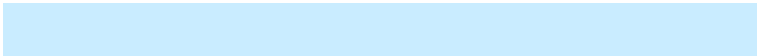
829859

Sweetspot

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



3A99CC



C9ECFF



3ACC6B



607480



000000



808080

Same Dimension

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



3A99CC



24B2FF



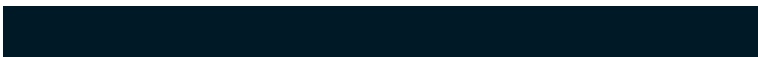
3A52CC



5C6266



006CA6



001926

Inverse Universe

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



CC3A99



FF24B2



CCB43A



665C62



A6006C



260019

Previews

White Background



This preview shows how the Hex color 3A99CC looks on a white background.

Color Contrast Check

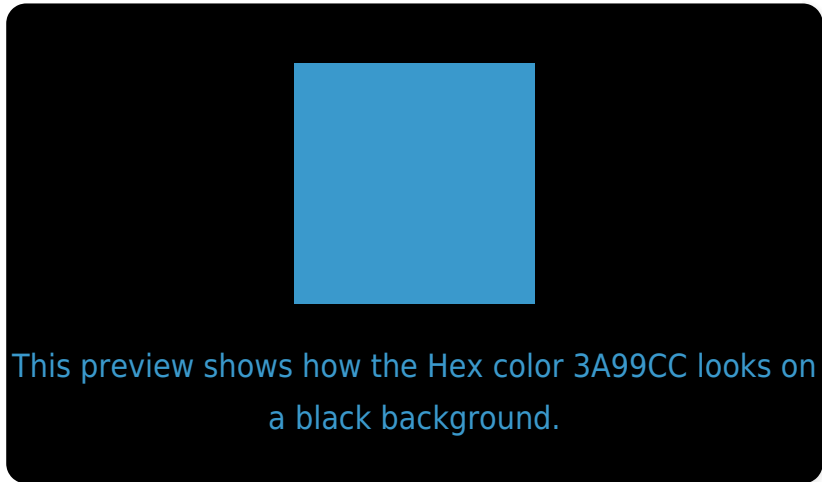
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

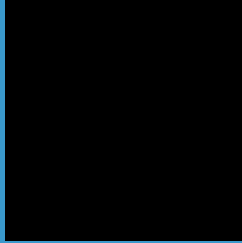
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

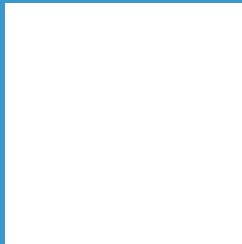
Any Text WCAG AAA × Fail

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

Hex 3A99CC Background



This preview shows how black text looks on a background with the Hex color 3A99CC.

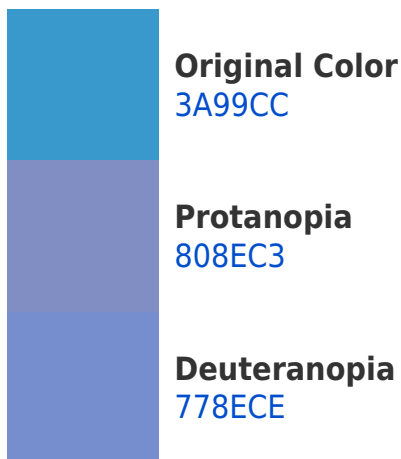


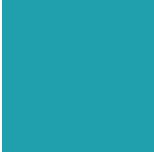
This preview shows how white text looks on a background with the Hex color 3A99CC.

Color Blindness Simulation

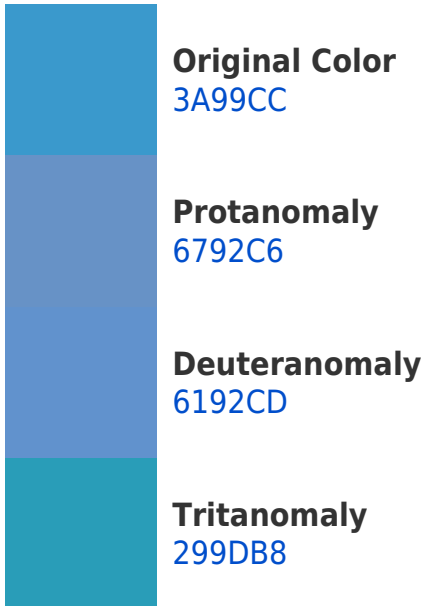
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

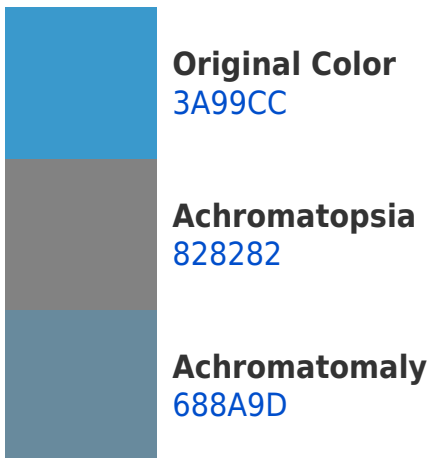




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A99CC 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 #3A99CC looks like.

```
.text, #text, p{  
    color:#3A99CC  
}
```

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 #3A99CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A99CC  
}
```

Border

The CSS property to change the border of an element to Hex 3A99CC 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  
#3A99CC }
```

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

```
.border{ border-color:#3A99CC }
```

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

Here you see how a box with a 4 pixel #3A99CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A99CC; -webkit-box-shadow:4px 4px  
4px 4px #3A99CC; box-shadow:4px 4px 4px  
4px #3A99CC }
```

Background

The CSS property to change the background color of an element to Hex 3A99CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A99CC }
```

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

```
.background{ background-color:#3A99CC }
```

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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