

Converting Colors

Hex(3894C0)

Have a look what the booklet for
Hex(3894C0) contains.

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Color

Hex(3894C0)

Conversions

Conversions Part 1

Format	Color
Hex	3894C0
RGB	56, 148, 192
RGB Percent	22%, 58%, 75%
CMY	0.7804, 0.4196, 0.2471
CMYK	0.71, 0.23, 0.00, 0.25
HSL	199°, 55%, 49%
HSV	199°, 71%, 75%
XYZ	21.7352, 25.8263, 53.7086
YIQ	125.5080, -68.9560, -5.8200

Conversions

Conversions Part 2

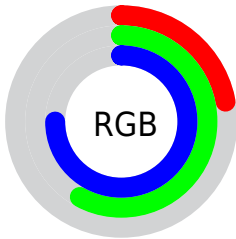
Format	Color
R_{YB}	56, 111, 192
Decimal	3708096
CIE _{Lab}	57.87, -12.65, -30.66
CIE _{LCh}	58, 33.168, 247.572
Yxy	25.8263, 0.2146, 0.2550
Android (android.graphics.Color)	4281898176 (0xFF3894C0)
YUV	125.5080, 32.7806, -60.9585
Hunter-Lab	50.8196, -12.5910, -27.0868

Details

The Hex color **3894C0** 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 **C06438**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **77CAF9**, and **00618A** is the 20% darker color. If you saturate the color by 10%, you get **258EC0**, and if you desaturate by 10%, it is **4B9AC0**.

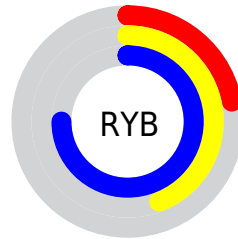
Distribution



Red (22%)

Green (58%)

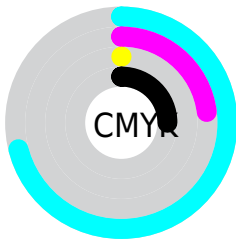
Blue (75%)



Red (22%)

Yellow (44%)

Blue (75%)

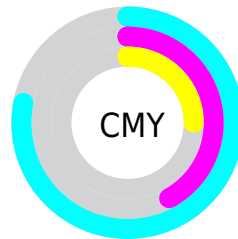


Cyan (71%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3894C0 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 3894C0 by changing the saturation by 10% instead.

■ 3894C0

■ 3894C0

FFFFFF

■ 027AA5

■ 77CAF9

■ 00618A

■ 95E6FF

■ 004A71

■ B2FFFF

■ 003358

■ D0FFFF

■ 001F40

■ EEEFFF

■ 00032A

■ 000114

■ 000000

■ 3894C0

■ 3894C0

■ 258EC0

■ 4B9AC0

■ 1288C0

■ 5EA0C0

■ 0082C0

■ 72A7C0

■ 85ADC0

■ 98B3C0

■ ABB9C0

■ BEBFC0

■ D2C6C0

■ E5CCC0

Harmonies

Analogous

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



0099AD



3894C0



6D8BC4

Triad

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



3894C0



C37485



78945C

Complementary

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



3894C0



C06438

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.



978C51



3894C0



C07969

Square

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



3894C0



B578A2



B08256



549974

Rectangle

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



3894C0



8B84BE



B08256



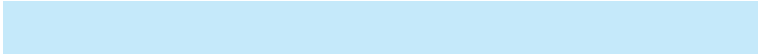
829157

Sweetspot

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



3894C0



C5E9FA



38C063



5E737D



FCFCFC



7D7D7D

Same Dimension

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



3894C0



25B5FA



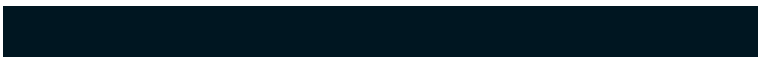
3851C0



575E61



006DA1



001621

Inverse Universe

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



C03894



FA25B5



C0A738



61575E



A1006D



210016

Previews

White Background



This preview shows how the Hex color 3894C0 looks on a white background.

Color Contrast Check

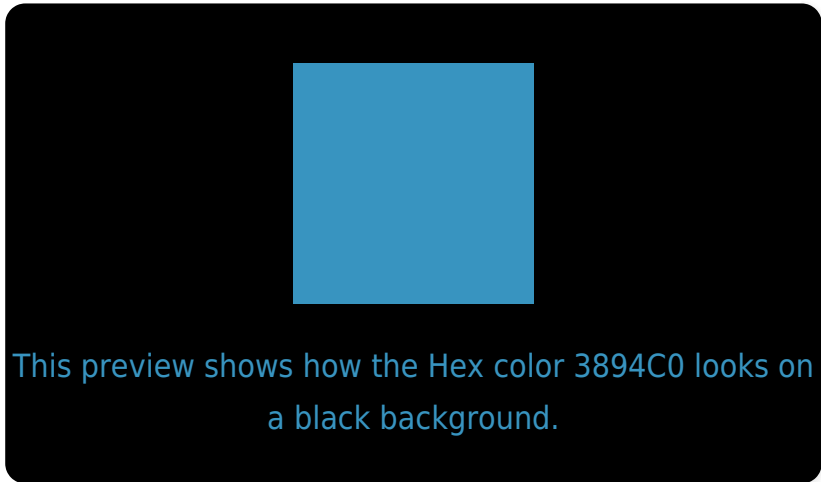
Large Text (above 18pt) WCAG AA ✓ Pass

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 3894C0 Background



This preview shows how black text looks on a background with the Hex color 3894C0.

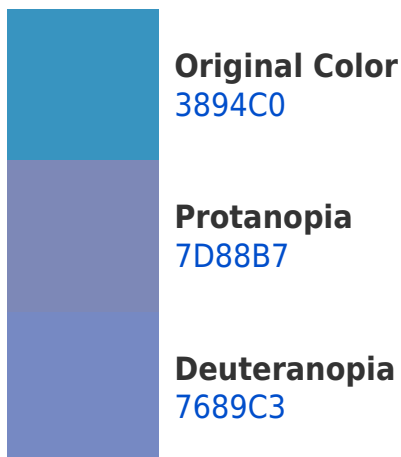


This preview shows how white text looks on a background with the Hex color 3894C0.

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](#).

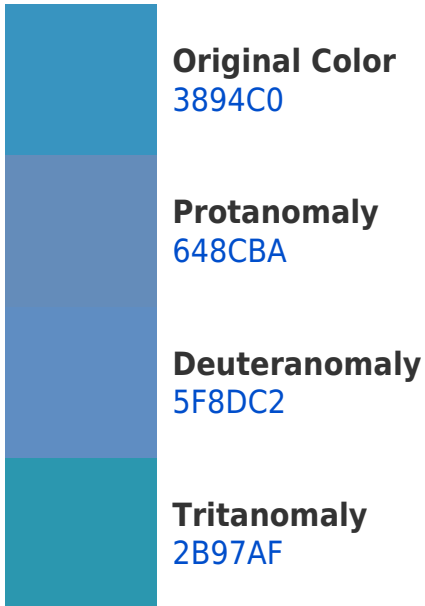
Dichromacy





Tritanopia
2499A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3894C0 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 #3894C0 looks like.

```
.text, #text, p{  
    color:#3894C0  
}
```

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 #3894C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3894C0
}
```

Border

The CSS property to change the border of an element to Hex 3894C0 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
#3894C0 }
```

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

```
.border{ border-color:#3894C0 }
```

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

Here you see how a box with a 4 pixel #3894C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3894C0; -webkit-box-shadow:4px 4px  
4px 4px #3894C0; box-shadow:4px 4px 4px  
4px #3894C0 }
```

Background

The CSS property to change the background color of an element to Hex 3894C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3894C0 }
```

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

```
.background{ background-color:#3894C0 }
```

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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