

Converting Colors

Hex(3A94C4)

Have a look what the booklet for
Hex(3A94C4) contains.

Hex(3A94C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A94C4)

Conversions

Conversions Part 1

Format	Color
Hex	3A94C4
RGB	58, 148, 196
RGB Percent	23%, 58%, 77%
CMY	0.7725, 0.4196, 0.2314
CMYK	0.70, 0.24, 0.00, 0.23
HSL	201°, 54%, 50%
HSV	201°, 70%, 77%
XYZ	22.2986, 26.0649, 56.0803
YIQ	126.5620, -69.0480, -4.1520

Conversions

Conversions Part 2

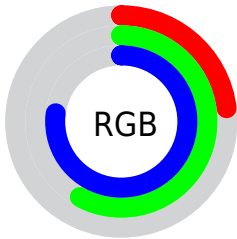
Format	Color
RYB	58, 112, 196
Decimal	3839172
CIELab	58.10, -11.01, -32.56
CIElCh	58, 34.373, 251.314
Yxy	26.0649, 0.2135, 0.2496
Android (android.graphics.Color)	4282029252 (0xFF3A94C4)
YUV	126.5620, 34.2329, -60.1289
Hunter-Lab	51.0538, -11.3811, -29.3898

Details

The Hex color **3A94C4** 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 **C46A3A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **79CAFD**, and **00618E** is the 20% darker color. If you saturate the color by 10%, you get **268DC4**, and if you desaturate by 10%, it is **4E9BC4**.

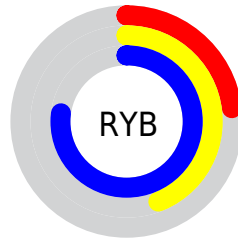
Distribution



Red (23%)

Green (58%)

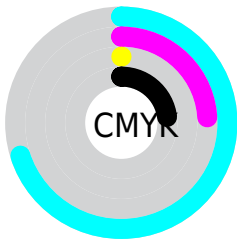
Blue (77%)



Red (23%)

Yellow (44%)

Blue (77%)

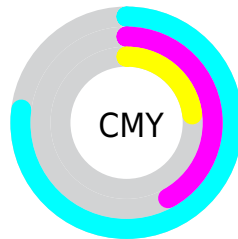


Cyan (70%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A94C4 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 3A94C4 by changing the saturation by 10% instead.



3A94C4



3A94C4

FFFFFF



067AA9



79CAFD



00618E



97E6FF



004A74



B4FFFF



00335B



D2FFFF



001F44



F0FFFF



00032D



000118



000000



3A94C4



3A94C4

■ 268DC4

■ 4E9BC4

■ 1386C4

■ 61A2C4

■ 0080C4

■ 75A8C4

■ 88AFC4

■ 9CB6C4

■ B0BDC4

■ C3C4C4

■ D7CBC4

■ EAD1C4

Harmonies

Analogous

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



009AB2



3A94C4



728BC6

Triad

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



3A94C4



C67481



73955D

Complementary

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



3A94C4



C46A3A

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.



948E50



3A94C4



C17965

Square

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



3A94C4



BA77A0



AF8353



4C9A77

Rectangle

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



3A94C4



9183BF



AF8353



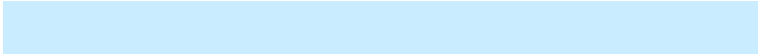
7E9357

Sweetspot

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



3A94C4



C9ECFF



3AC468



607480



000000



808080

Same Dimension

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



3A94C4



29B4FF



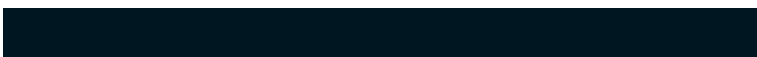
3A51C4



575E61



0069A1



001621

Inverse Universe

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



C43A94



FF29B4



C4AD3A



61575E



A10069



210016

Previews

White Background



This preview shows how the Hex color 3A94C4 looks on a white background.

Color Contrast Check

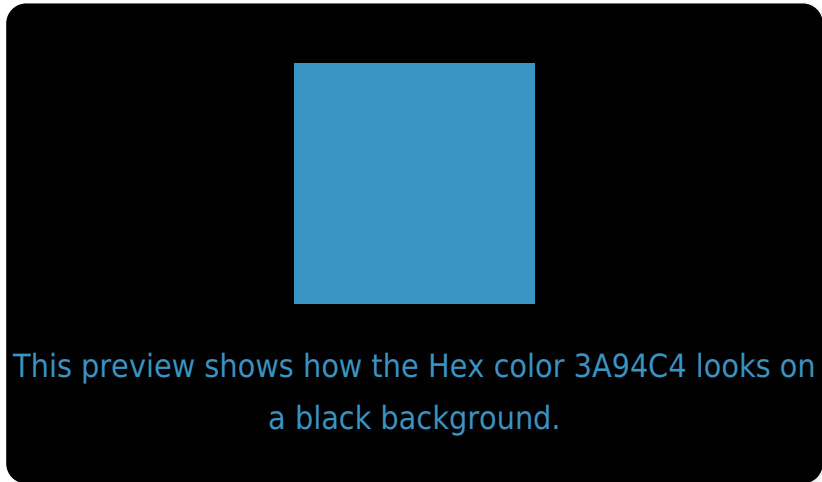
Large Text (above 18pt) WCAG AA ✓ Pass

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

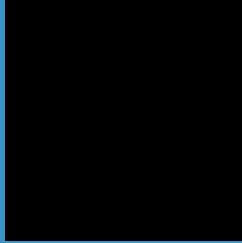
Any Text WCAG AA ✓ Pass

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 3A94C4 Background



This preview shows how black text looks on a background with the Hex color 3A94C4.

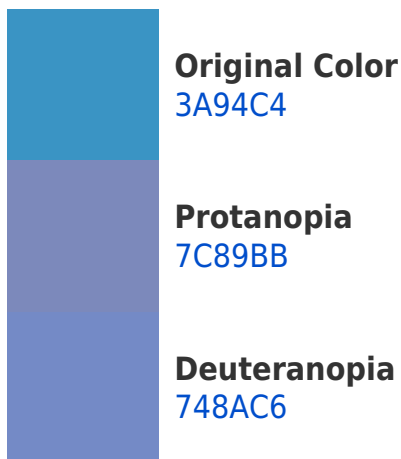


This preview shows how white text looks on a background with the Hex color 3A94C4.

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](#).

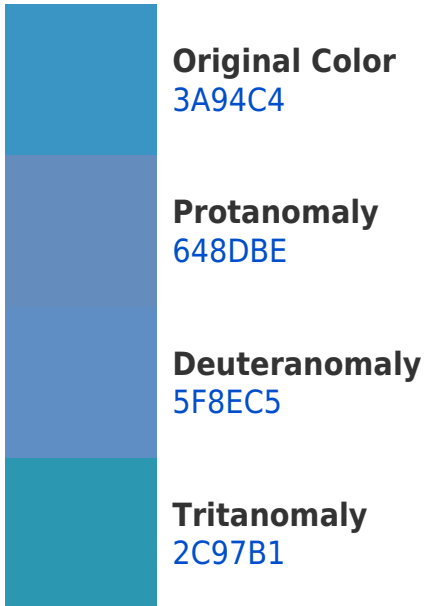
Dichromacy



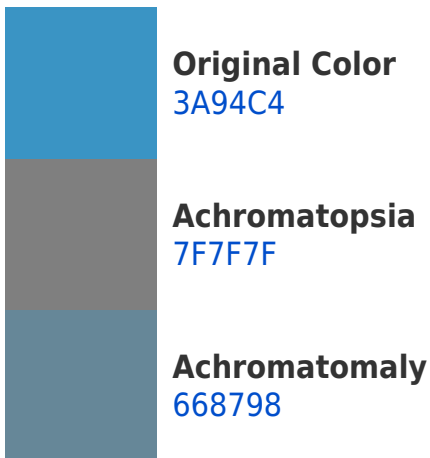


Tritanopia
2499A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A94C4 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 #3A94C4 looks like.

```
.text, #text, p{  
    color:#3A94C4  
}
```

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 #3A94C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A94C4
}
```

Border

The CSS property to change the border of an element to Hex 3A94C4 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
#3A94C4 }
```

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

```
.border{ border-color:#3A94C4 }
```

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

Here you see how a box with a 4 pixel #3A94C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A94C4; -webkit-box-shadow:4px 4px  
4px 4px #3A94C4; box-shadow:4px 4px 4px  
4px #3A94C4 }
```

Background

The CSS property to change the background color of an element to Hex 3A94C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A94C4 }
```

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

```
.background{ background-color:#3A94C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor