

Converting Colors

Hex(3B95D1)

Have a look what the booklet for
Hex(3B95D1) contains.

Hex(3B95D1)	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(3B95D1)

Conversions

Conversions Part 1

Format	Color
Hex	3B95D1
RGB	59, 149, 209
RGB Percent	23%, 58%, 82%
CMY	0.7686, 0.4157, 0.1804
CMYK	0.72, 0.29, 0.00, 0.18
HSL	204°, 62%, 53%
HSV	204°, 72%, 82%
XYZ	24.0597, 27.0281, 64.2705
YIQ	128.9300, -72.9000, -0.4200

Conversions

Conversions Part 2

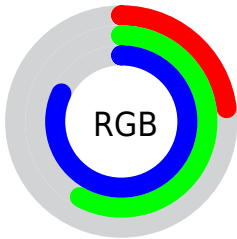
Format	Color
R _Y B	59, 115, 209
Decimal	3904977
CIE Lab	59.00, -6.99, -38.46
CIE LCh	59, 39.088, 259.704
Yxy	27.0281, 0.2086, 0.2343
Android (android.graphics.Color)	4282095057 (0xFF3B95D1)
YUV	128.9300, 39.4745, -61.3286
Hunter-Lab	51.9886, -8.3724, -36.9047

Details

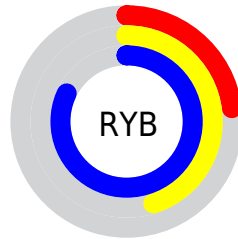
The Hex color **3B95D1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D1773B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7CCBFF**, and **00639A** is the 20% darker color. If you saturate the color by 10%, you get **268DD1**, and if you desaturate by 10%, it is **509DD1**.

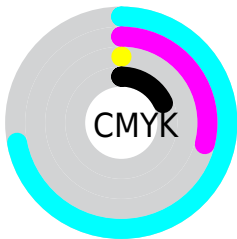
Distribution



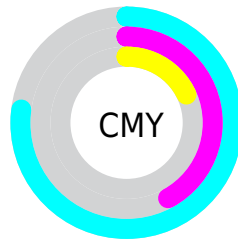
- Red (23%)
- Green (58%)
- Blue (82%)



- Red (23%)
- Yellow (45%)
- Blue (82%)



- Cyan (72%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (77%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B95D1 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 3B95D1 by changing the saturation by 10% instead.

■ 3B95D1

■ 3B95D1

FFFFFF

■ 027BB5

■ 7CCBFF

■ 00639A

■ 9AE7FF

■ 004B80

■ B8FFFF

■ 003567

■ D6FFFF

■ 00204E

■ F4FFFF

■ 000537

■ 000221

■ 000005

■ 000000

■ 3B95D1

■ 3B95D1

■ 268DD1

■ 509DD1

■ 1184D1

■ 65A6D1

■ 007DD1

■ 7AAED1

■ 8FB6D1

■ A4BFD1

■ B8C7D1

■ CDD0D1

■ E2D8D1

■ F7E0D1

Harmonies

Analogous

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



009CC1



3B95D1



7F8ACE

Triad

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



3B95D1



D07379



659B60

Complementary

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



3B95D1



D1773B

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.



8D934C



3B95D1



C57C5B

Square

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



3B95D1



C8739B



AE884A



309F81

Rectangle

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



3B95D1



A081C3



AE884A



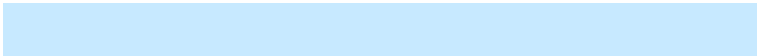
739958

Sweetspot

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



3B95D1



C7E9FF



3BD177



5E7280



000000



808080

Same Dimension

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



3B95D1



24A7FF



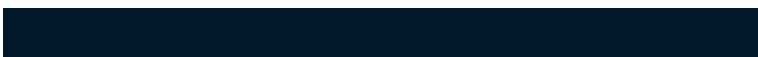
3B4AD1



5E6469



0065A8



001829

Inverse Universe

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



D13B95



FF24A7



D1C23B



695E64



A80065



290018

Previews

White Background



This preview shows how the Hex color 3B95D1 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 3B95D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

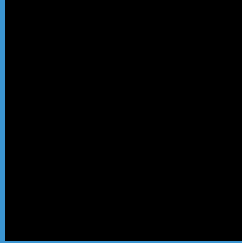
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

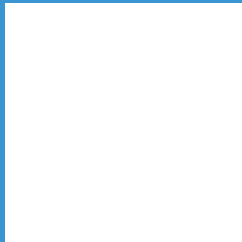
Any Text WCAG AAA × Fail

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

Hex 3B95D1 Background



This preview shows how black text looks on a background with the Hex color 3B95D1.

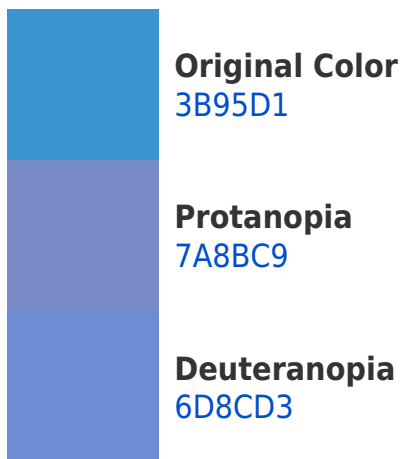


This preview shows how white text looks on a background with the Hex color 3B95D1.

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](#).

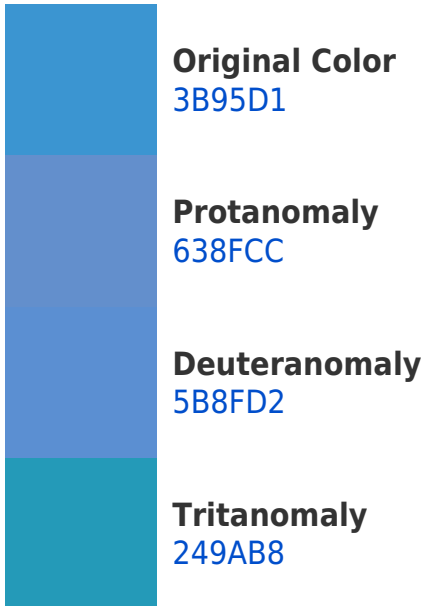
Dichromacy





Tritanopia
179DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B95D1 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 #3B95D1 looks like.

```
.text, #text, p{  
    color:#3B95D1  
}
```

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 #3B95D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B95D1
}
```

Border

The CSS property to change the border of an element to Hex 3B95D1 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
#3B95D1 }
```

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

```
.border{ border-color:#3B95D1 }
```

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

Here you see how a box with a 4 pixel #3B95D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B95D1; -webkit-box-shadow:4px 4px  
4px 4px #3B95D1; box-shadow:4px 4px 4px  
4px #3B95D1 }
```

Background

The CSS property to change the background color of an element to Hex 3B95D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B95D1 }
```

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

```
.background{ background-color:#3B95D1 }
```

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