

Converting Colors

Hex(3895B6)

Have a look what the booklet for
Hex(3895B6) contains.

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Color

Hex(3895B6)

Conversions

Conversions Part 1

Format	Color
Hex	3895B6
RGB	56, 149, 182
RGB Percent	22%, 58%, 71%
CMY	0.7804, 0.4157, 0.2863
CMYK	0.69, 0.18, 0.00, 0.29
HSL	196°, 53%, 47%
HSV	196°, 69%, 71%
XYZ	20.8218, 25.7130, 48.1217
YIQ	124.9550, -66.0210, -9.4530

Conversions

Conversions Part 2

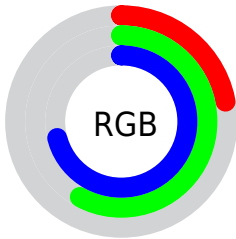
Format	Color
R_{YB}	56, 110, 182
Decimal	3708342
CIE _{Lab}	57.76, -16.53, -25.16
CIE _{LCh}	58, 30.110, 236.696
Yxy	25.7130, 0.2200, 0.2716
Android (android.graphics.Color)	4281898422 (0xFF3895B6)
YUV	124.9550, 28.1232, -60.4735
Hunter-Lab	50.7080, -15.4430, -20.7703

Details

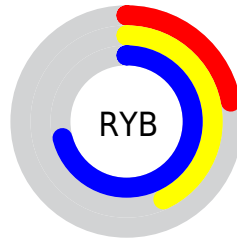
The Hex color **3895B6** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B65938**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **76CBEE**, and **006281** is the 20% darker color. If you saturate the color by 10%, you get **2690B6**, and if you desaturate by 10%, it is **4A9AB6**.

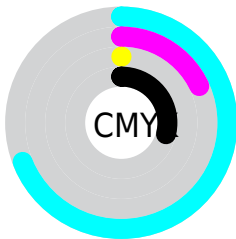
Distribution



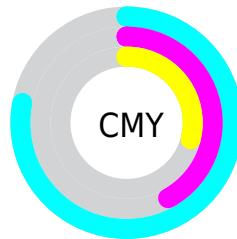
- Red (22%)
- Green (58%)
- Blue (71%)



- Red (22%)
- Yellow (43%)
- Blue (71%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3895B6 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 3895B6 by changing the saturation by 10% instead.

 3895B6

 3895B6

FFFFFF

 077B9B

 76CBEE

 006281

 93E7FF

 004A68

 B0FFFF

 003350

 CEFFFF

 001F38

 ECFFFF

 000223

 00000A

 000000

 3895B6

 3895B6

■ 2690B6

■ 4A9AB6

■ 148BB6

■ 5C9FB6

■ 0187B6

■ 6FA3B6

■ 0086B6

■ 81A8B6

■ 93ADB6

■ A5B2B6

■ B7B6B6

■ CABBB6

■ DCC0B6

Harmonies

Analogous

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



2A99A1



3895B6



618EBF

Triad

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



3895B6



BB778F



84905B

Complementary

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



3895B6



B65938

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.



9F8856



3895B6



BE7874

Square

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



3895B6



A97CA8



B47F60



65966D

Rectangle

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



3895B6



7D88BD



B47F60



8E8E58

Sweetspot

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



3895B6



BBE0ED



38B658



5A7078



F7F7F7



787878

Same Dimension

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



3895B6



28BAED



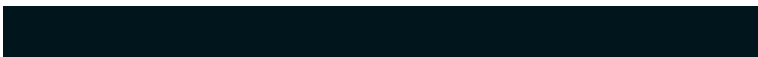
3858B6



53595C



00739C



00151C

Inverse Universe

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



B63895



ED28BA



B69738



5C5359



9C0073



1C0015

Previews

White Background



This preview shows how the Hex color 3895B6 looks on a white background.

Color Contrast Check

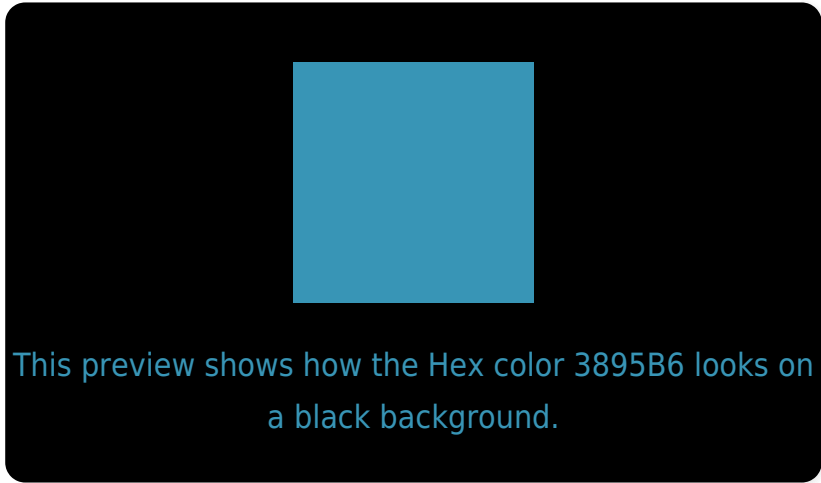
Large Text (above 18pt) WCAG AA ✓ Pass

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

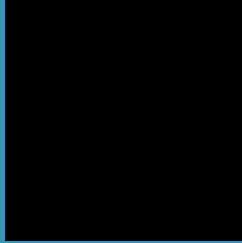
Any Text WCAG AA ✓ Pass

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 3895B6 Background



This preview shows how black text looks on a background with the Hex color 3895B6.

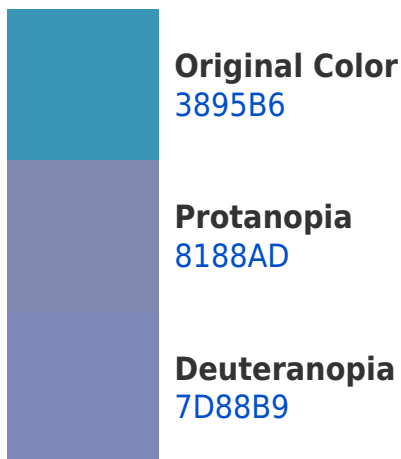


This preview shows how white text looks on a background with the Hex color 3895B6.

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](#).

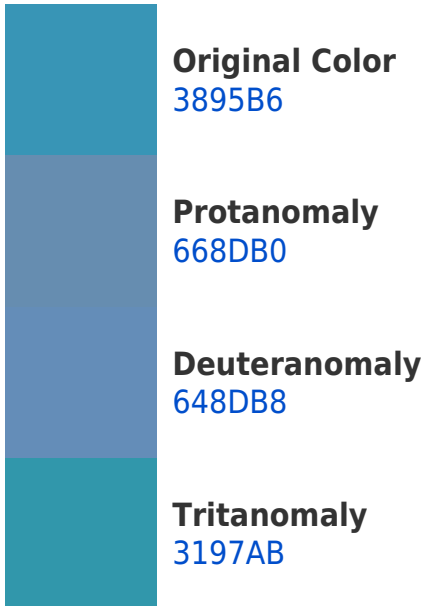
Dichromacy





Tritanopia
2D98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3895B6 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 #3895B6 looks like.

```
.text, #text, p{  
    color:#3895B6  
}
```

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 #3895B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3895B6
}
```

Border

The CSS property to change the border of an element to Hex 3895B6 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
#3895B6 }
```

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

```
.border{ border-color:#3895B6 }
```

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

Here you see how a box with a 4 pixel #3895B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3895B6; -webkit-box-shadow:4px 4px  
4px 4px #3895B6; box-shadow:4px 4px 4px  
4px #3895B6 }
```

Background

The CSS property to change the background color of an element to Hex 3895B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3895B6 }
```

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

```
.background{ background-color:#3895B6 }
```

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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