

Converting Colors

Hex(3896B1)

Have a look what the booklet for
Hex(3896B1) contains.

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Color

Hex(3896B1)

Conversions

Conversions Part 1

Format	Color
Hex	3896B1
RGB	56, 150, 177
RGB Percent	22%, 59%, 69%
CMY	0.7804, 0.4118, 0.3059
CMYK	0.68, 0.15, 0.00, 0.31
HSL	193°, 52%, 46%
HSV	193°, 68%, 69%
XYZ	20.4730, 25.8278, 45.5012
YIQ	124.9720, -64.6910, -11.5310

Conversions

Conversions Part 2

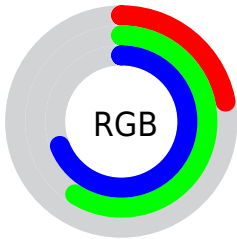
Format	Color
RYB	56, 109, 177
Decimal	3708593
CIELab	57.87, -18.70, -22.16
CIELCh	58, 28.993, 229.842
Yxy	25.8278, 0.2230, 0.2813
Android (android.graphics.Color)	4281898673 (0xFF3896B1)
YUV	124.9720, 25.6498, -60.4884
Hunter-Lab	50.8210, -17.0288, -17.5089

Details

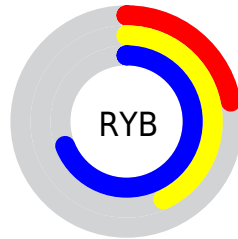
The Hex color **3896B1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B15338**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **75CCE9**, and **00637C** is the 20% darker color. If you saturate the color by 10%, you get **2692B1**, and if you desaturate by 10%, it is **4A9AB1**.

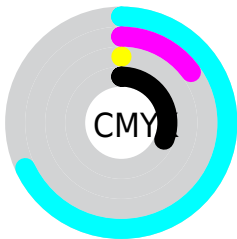
Distribution



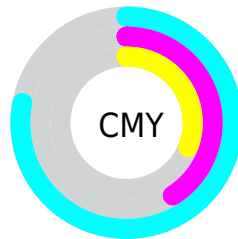
- Red (22%)
- Green (59%)
- Blue (69%)



- Red (22%)
- Yellow (43%)
- Blue (69%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (78%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3896B1 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 3896B1 by changing the saturation by 10% instead.



3896B1



3896B1

FFFFFF



097C96



75CCE9



00637C



92E9FF



004B63



AFFFFF



00344B



CDFFFF



002034



EBFFFF



000220



000003



000000



3896B1



3896B1

■ 2692B1

■ 4A9AB1

■ 158EB1

■ 5B9EB1

■ 038AB1

■ 6DA2B1

■ 008AB1

■ 7FA6B1

■ 91AAB1

■ A2AEB1

■ B4B2B1

■ C6B6B1

■ D7BAB1

Harmonies

Analogous

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



35999B



3896B1



5B90BC

Triad

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



3896B1



B77995



8B8F5B

Complementary

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



3896B1



B15338

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.



A48759



3896B1



BD787B

Square

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



3896B1



A37FAC



B67E65



6E956A

Rectangle

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



3896B1



758BBD



B67E65



948C59

Sweetspot

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



3896B1



B5DBE6



38B152



566C73



F2F2F2



737373

Same Dimension

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



3896B1



29BCE6



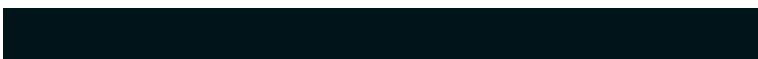
385AB1



505759



007799



00141A

Inverse Universe

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



B13896



E629BC



B18F38



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color 3896B1 looks on a white background.

Color Contrast Check

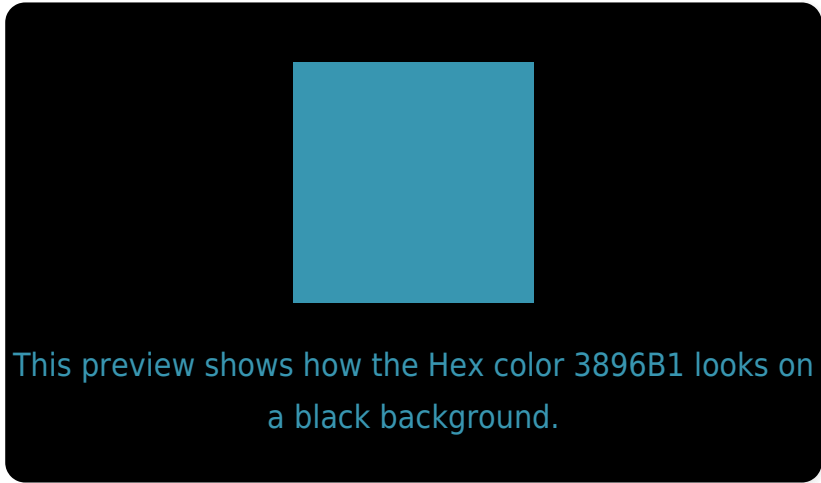
Large Text (above 18pt) WCAG AA ✓ Pass

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

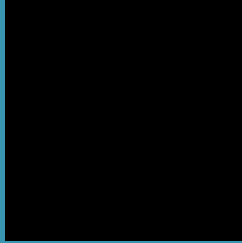
Any Text WCAG AA ✓ Pass

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 3896B1 Background



This preview shows how black text looks on a background with the Hex color 3896B1.

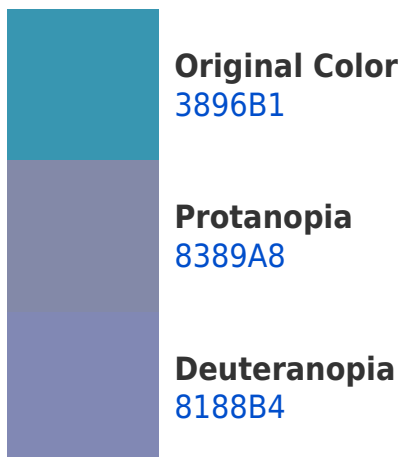


This preview shows how white text looks on a background with the Hex color 3896B1.

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](#).

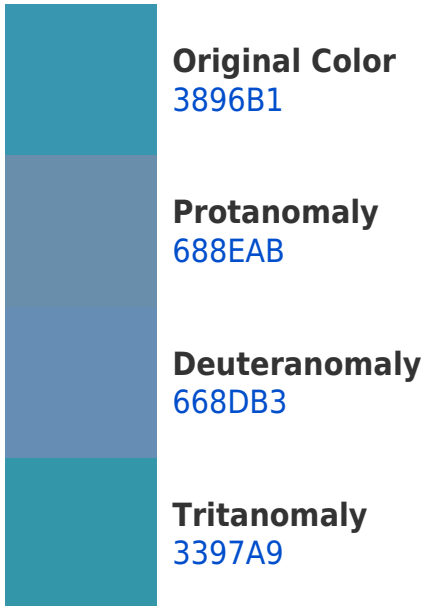
Dichromacy





Tritanopia
3098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3896B1 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 #3896B1 looks like.

```
.text, #text, p{  
    color:#3896B1  
}
```

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 #3896B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3896B1
}
```

Border

The CSS property to change the border of an element to Hex 3896B1 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
#3896B1 }
```

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

```
.border{ border-color:#3896B1 }
```

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

Here you see how a box with a 4 pixel #3896B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3896B1; -webkit-box-shadow:4px 4px  
4px 4px #3896B1; box-shadow:4px 4px 4px  
4px #3896B1 }
```

Background

The CSS property to change the background color of an element to Hex 3896B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3896B1 }
```

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

```
.background{ background-color:#3896B1 }
```

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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