

Converting Colors

Hex(3B80AA)

Have a look what the booklet for
Hex(3B80AA) contains.

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Color

Hex(3B80AA)

Conversions

Conversions Part 1

Format	Color
Hex	3B80AA
RGB	59, 128, 170
RGB Percent	23%, 50%, 67%
CMY	0.7686, 0.4980, 0.3333
CMYK	0.65, 0.25, 0.00, 0.33
HSL	203°, 48%, 45%
HSV	203°, 65%, 67%
XYZ	16.7785, 19.2704, 40.8655
YIQ	112.1570, -54.6060, -1.5660

Conversions

Conversions Part 2

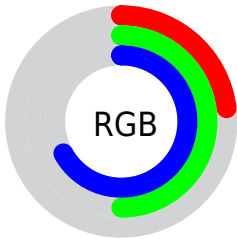
Format	Color
RYB	59, 102, 170
Decimal	3899562
CIELab	51.00, -8.32, -28.74
CIELCh	51, 29.924, 253.861
Yxy	19.2704, 0.2181, 0.2505
Android (android.graphics.Color)	4282089642 (0xFF3B80AA)
YUV	112.1570, 28.5166, -46.6187
Hunter-Lab	43.8981, -8.5963, -24.4654

Details

The Hex color **3B80AA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AA653B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **75B5E1**, and **004F76** is the 20% darker color. If you saturate the color by 10%, you get **2A7AAA**, and if you desaturate by 10%, it is **4C86AA**.

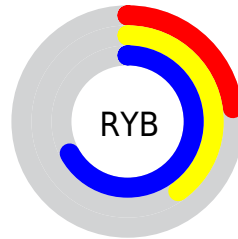
Distribution



Red (23%)

Green (50%)

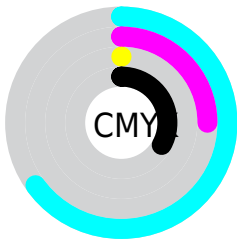
Blue (67%)



Red (23%)

Yellow (40%)

Blue (67%)

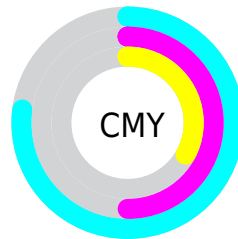


Cyan (65%)

Magenta (25%)

Yellow (0%)

Black (33%)



Cyan (77%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B80AA 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 3B80AA by changing the saturation by 10% instead.

■ 3B80AA

■ 3B80AA

FFFFFF

■ 16678F

■ 75B5E1

■ 004F76

■ 92D0FE

■ 00385D

■ AEECFF

■ 002345

■ CBFFFF

■ 000A2F

■ E9FFFF

■ 000119

■ 000000

■ 3B80AA

■ 3B80AA

■ 2A7AAA

■ 4C86AA

■ 1973AA

■ 5D8DAA

■ 086DAA

■ 6E93AA

■ 006AAA

■ 7F9AAA

■ 90A0AA

■ A1A7AA

■ B2ADAA

■ C3B3AA

■ D4BAAA

Harmonies

Analogous

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



08859C



3B80AA



6878AB

Triad

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



3B80AA



AB666E



628254

Complementary

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



3B80AA



AA653B

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.



7E7C47



3B80AA



A66B57

Square

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



3B80AA



A36788



967349



41866A

Rectangle

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



3B80AA



8172A4



967349



6C804E

Sweetspot

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



3B80AA



B1CDDE



3BAA64



556670



F0F0F0



707070

Same Dimension

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



3B80AA



319CDE



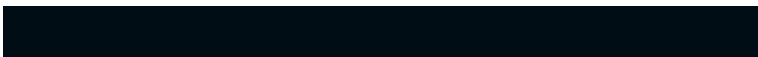
3B4AAA



4C5154



005C94



000D14

Inverse Universe

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



AA3B80



DE319C



AA9B3B



544C51



94005C



14000D

Previews

White Background



This preview shows how the Hex color 3B80AA looks on a white background.

Color Contrast Check

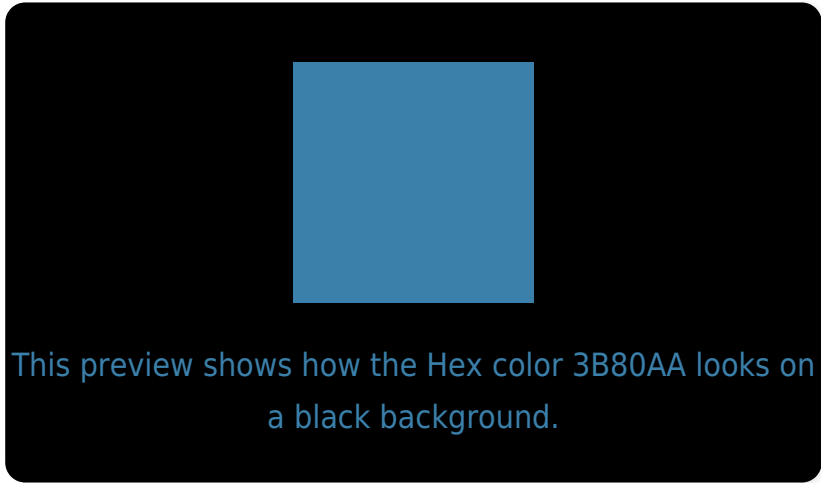
Large Text (above 18pt) WCAG AA ✓ Pass

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

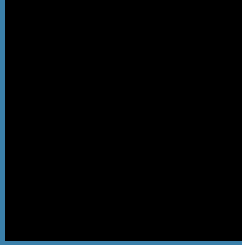
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

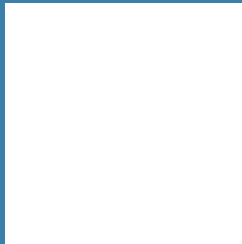
Any Text WCAG AAA × Fail

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

Hex 3B80AA Background



This preview shows how black text looks on a background with the Hex color 3B80AA.

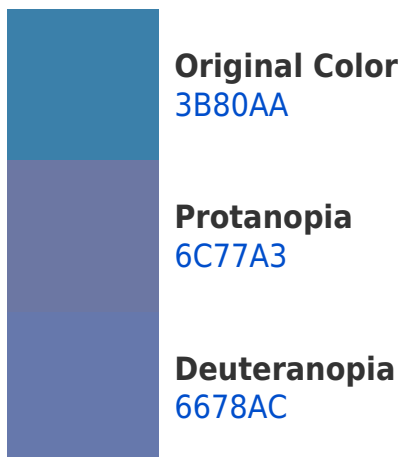


This preview shows how white text looks on a background with the Hex color 3B80AA.

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](#).

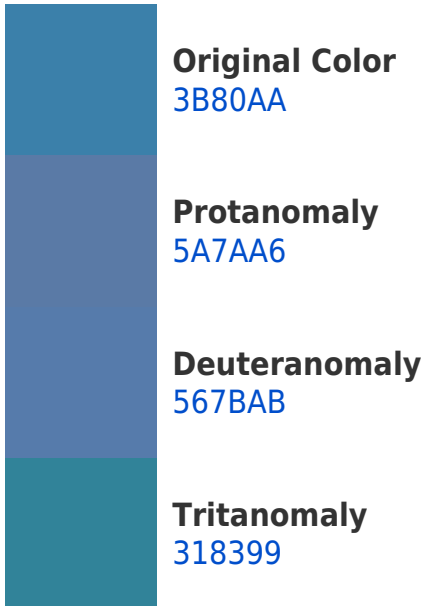
Dichromacy





Tritanopia
2C8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B80AA 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 #3B80AA looks like.

```
.text, #text, p{  
    color:#3B80AA  
}
```

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 #3B80AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B80AA
}
```

Border

The CSS property to change the border of an element to Hex 3B80AA 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
#3B80AA }
```

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

```
.border{ border-color:#3B80AA }
```

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

Here you see how a box with a 4 pixel #3B80AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B80AA; -webkit-box-shadow:4px 4px  
4px 4px #3B80AA; box-shadow:4px 4px 4px  
4px #3B80AA }
```

Background

The CSS property to change the background color of an element to Hex 3B80AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B80AA }
```

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

```
.background{ background-color:#3B80AA }
```

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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