

# Converting Colors

Hex(3983AB)

Have a look what the booklet for  
Hex(3983AB) contains.

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# Color

**Hex(3983AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3983AB
RGB	57, 131, 171
RGB Percent	22%, 51%, 67%
CMY	0.7765, 0.4863, 0.3294
CMYK	0.67, 0.23, 0.00, 0.33
HSL	201°, 50%, 45%
HSV	201°, 67%, 67%
XYZ	17.1543, 20.0427, 41.4926
YIQ	113.4340, -56.9440, -3.2480

# Conversions

## Conversions Part 2

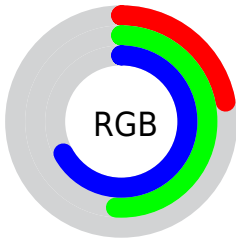
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 102, 171
Decimal	3769259
CIELab	51.89, -10.05, -27.96
CIELCh	52, 29.706, 250.232
Yxy	20.0427, 0.2180, 0.2547
Android (android.graphics.Color)	4281959339 (0xFF3983AB)
YUV	113.4340, 28.3800, -49.4926
Hunter-Lab	44.7691, -9.9495, -23.6124

# Details

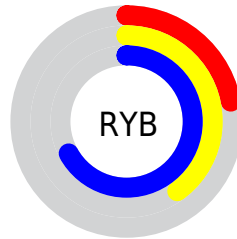
The Hex color **3983AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB6139**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **74B8E2**, and **005277** is the 20% darker color. If you saturate the color by 10%, you get **287DAB**, and if you desaturate by 10%, it is **4A89AB**.

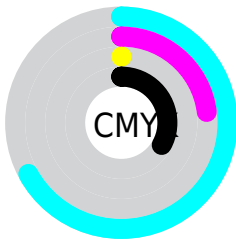
# Distribution



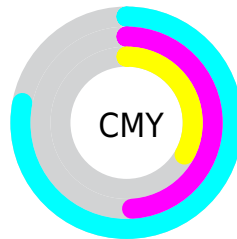
- Red (22%)
- Green (51%)
- Blue (67%)



- Red (22%)
- Yellow (40%)
- Blue (67%)



- Cyan (67%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (78%)
- Magenta (49%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3983AB 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 3983AB by changing the saturation by 10% instead.



■ 3983AB

■ 3983AB

FFFFFF

■ 116A90

■ 74B8E2

■ 005277

■ 91D4FF

■ 003B5E

■ ADF0FF

■ 002546

■ CAFFFF

■ 00102F

■ E8FFFF

■ 00011A

■ 000000

■ 3983AB

■ 3983AB

■ 287DAB

■ 4A89AB

■ 1777AB

■ 5B8FAB

■ 0671AB

■ 6C95AB

■ 006FAB

■ 7D9BAB

■ 8FA1AB

■ A0A7AB

■ B1ADAB

■ C2B3AB

■ D3B9AB

# Harmonies

## Analogous

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



0F889C



3983AB



657BAE

# Triad

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



3983AB



AD6874



688454

# Complementary

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



3983AB



AB6139

# 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.



847D49



3983AB



AA6C5C

# Square

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



3983AB



A36A8D



9B744C



48886A

# Rectangle

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



3983AB



7F75A8



9B744C



72824F



# Sweetspot

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



3983AB



B1CEDE



39AB61



556770



F0F0F0



707070



# Same Dimension

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



3983AB



2CA0DE



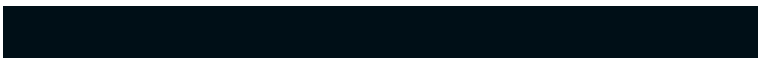
394AAB



4E5457



006296



000F17



# Inverse Universe

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



AB3983



DE2CA0



AB9A39



574E54



960062



17000F



# Previews

## White Background



This preview shows how the Hex color 3983AB looks on a white background.

## Color Contrast Check

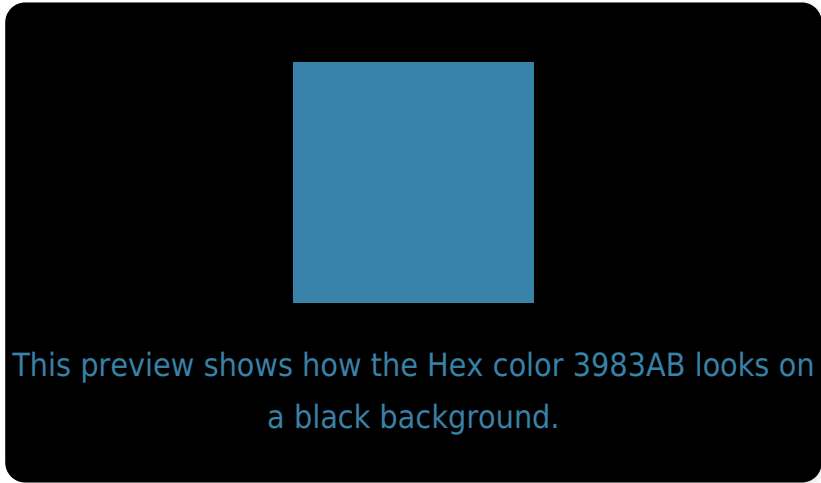
Large Text (above 18pt) WCAG AA ✓ Pass

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

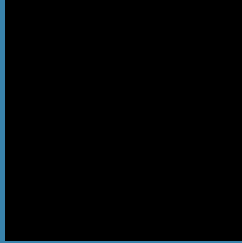
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3983AB Background



This preview shows how black text looks on a background with the Hex color 3983AB.

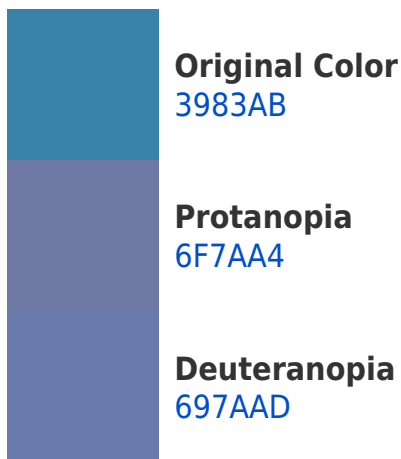


This preview shows how white text looks on a background with the Hex color 3983AB.

# 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](#).

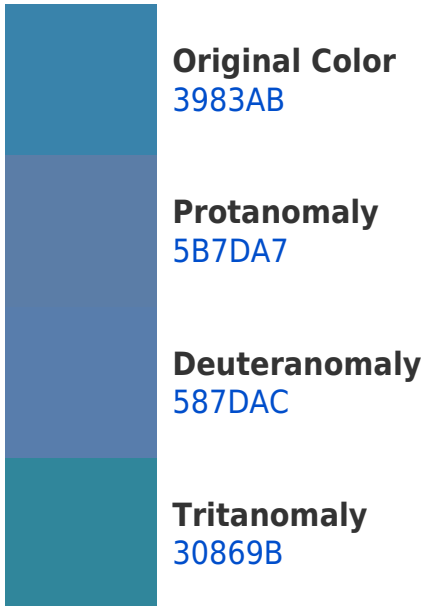
## Dichromacy



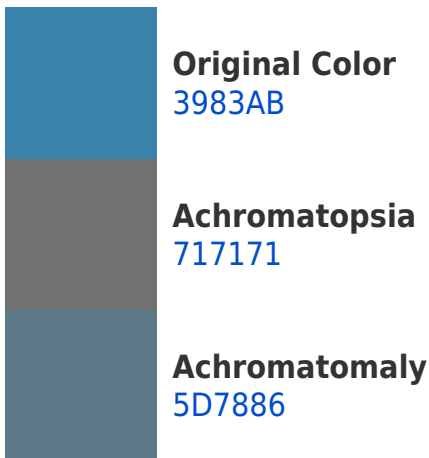


**Tritanopia**  
2B8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3983AB 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 #3983AB looks like.

```
.text, #text, p{  
    color:#3983AB  
}
```

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 #3983AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3983AB
}
```

## Border

The CSS property to change the border of an element to Hex 3983AB 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
#3983AB }
```

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

```
.border{ border-color:#3983AB }
```

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

Here you see how a box with a 4 pixel #3983AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3983AB; -webkit-box-shadow:4px 4px  
4px 4px #3983AB; box-shadow:4px 4px 4px  
4px #3983AB }
```

# Background

The CSS property to change the background color of an element to Hex 3983AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3983AB }
```

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

```
.background{ background-color:#3983AB }
```

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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