

# Converting Colors

Hex(33A5B3)

Have a look what the booklet for  
Hex(33A5B3) contains.

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# Color

Hex(33A5B3)

# Conversions

## Conversions Part 1

Format	Color
Hex	33A5B3
RGB	51, 165, 179
RGB Percent	20%, 65%, 70%
CMY	0.8000, 0.3529, 0.2980
CMYK	0.72, 0.08, 0.00, 0.30
HSL	187°, 56%, 45%
HSV	187°, 72%, 70%
XYZ	22.9571, 30.8687, 47.3961
YIQ	132.5100, -72.4380, -19.8140

# Conversions

## Conversions Part 2

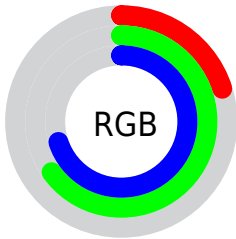
Format	Color
R <sub>YB</sub>	51, 111, 179
Decimal	3384755
CIE Lab	62.40, -26.53, -16.41
CIE LCh	62, 31.196, 211.731
Yxy	30.8687, 0.2268, 0.3050
Android (android.graphics.Color)	4281574835 (0xFF33A5B3)
YUV	132.5100, 22.9196, -71.4843
Hunter-Lab	55.5597, -23.4738, -11.6866




# Details

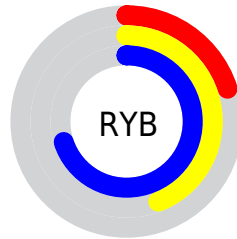
The Hex color **33A5B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B34133**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **74DCEB**, and **00717E** is the 20% darker color. If you saturate the color by 10%, you get **21A3B3**, and if you desaturate by 10%, it is **45A7B3**.

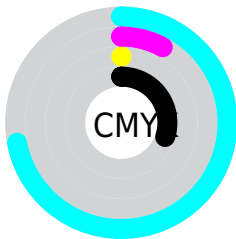
# Distribution







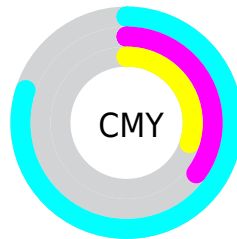
-  Red (20%)
-  Green (65%)
-  Blue (70%)






-  Red (20%)
-  Yellow (44%)
-  Blue (70%)



-  Cyan (72%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (30%)



-  Cyan (80%)
-  Magenta (35%)
-  Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33A5B3 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 33A5B3 by changing the saturation by 10% instead.





33A5B3



33A5B3

FFFFFF



008A98



74DCEB



00717E



91F9FF



005865



AFFFFFFF



00404D



CDFFFF



002A37



EBFFFF



001121



000008



000000



33A5B3



33A5B3

■ 21A3B3

■ 45A7B3

■ 0FA1B3

■ 57A9B3

■ 009FB3

■ 69ABB3

■ 7BADB3

■ 8DAFB3

■ 9EB1B3

■ B0B3B3

■ C2B5B3

■ D4B7B3

# Harmonies

## Analogous

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



48A698



33A5B3



48A1C7

# Triad

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



33A5B3



BB86B2



A8965F

# Complementary

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



33A5B3



B34133

# 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.



BF8C67



33A5B3



CB8296

# Square

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



33A5B3



9C8FC6



CC847B



8B9E67

# Rectangle

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



33A5B3



649CCD



CC847B



B19360



# Sweetspot

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



33A5B3



B7E3E8



33B340



587275



F5F5F5



757575



# Same Dimension

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



33A5B3



20D2E8



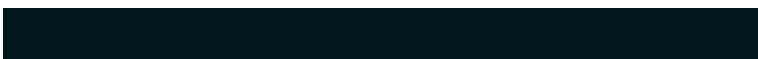
3366B3



505859



008899



00171A



# Inverse Universe

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



B333A5



E820D2



B38033



595058



990088



1A0017



# Previews

## White Background



This preview shows how the Hex color 33A5B3 looks on a white background.

## Color Contrast Check

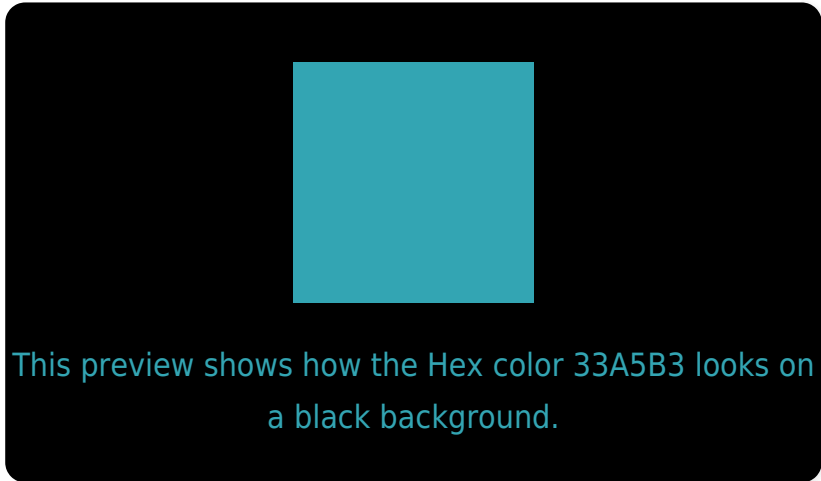
Large Text (above 18pt) WCAG AA × Fail

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

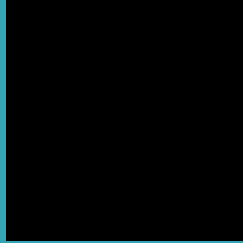
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 33A5B3 Background



This preview shows how black text looks on a background with the Hex color 33A5B3.

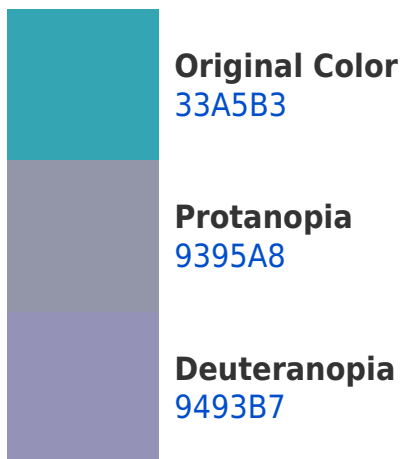


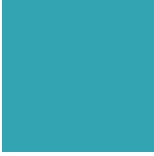
This preview shows how white text looks on a background with the Hex color 33A5B3.

# 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](#).

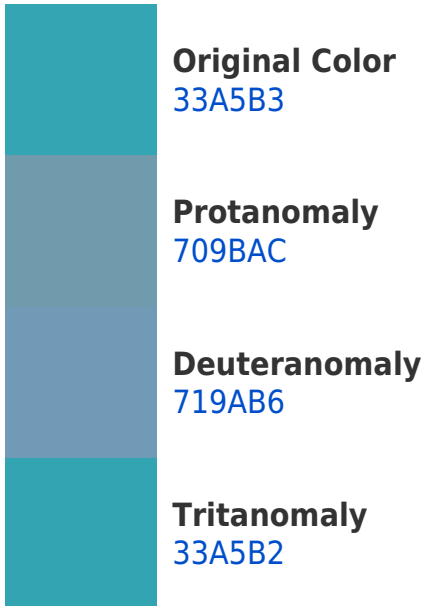
## Dichromacy





**Tritanopia**  
33A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33A5B3 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 #33A5B3 looks like.

```
.text, #text, p{  
    color:#33A5B3  
}
```

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 #33A5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A5B3
}
```

## Border

The CSS property to change the border of an element to Hex 33A5B3 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
#33A5B3 }
```

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

```
.border{ border-color:#33A5B3 }
```

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

Here you see how a box with a 4 pixel #33A5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A5B3; -webkit-box-shadow:4px 4px  
4px 4px #33A5B3; box-shadow:4px 4px 4px  
4px #33A5B3 }
```

# Background

The CSS property to change the background color of an element to Hex 33A5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A5B3 }
```

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

```
.background{ background-color:#33A5B3 }
```

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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