

Converting Colors

Hex(33A5B0)

Have a look what the booklet for
Hex(33A5B0) contains.

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Color

Hex(33A5B0)

Conversions

Conversions Part 1

Format	Color
Hex	33A5B0
RGB	51, 165, 176
RGB Percent	20%, 65%, 69%
CMY	0.8000, 0.3529, 0.3098
CMYK	0.71, 0.06, 0.00, 0.31
HSL	185°, 55%, 45%
HSV	185°, 71%, 69%
XYZ	22.6568, 30.7487, 45.8152
YIQ	132.1680, -71.4750, -20.7470

Conversions

Conversions Part 2

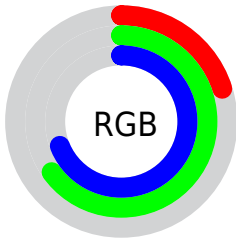
Format	Color
RYB	51, 111, 176
Decimal	3384752
CIELab	62.29, -27.46, -14.88
CIElCh	62, 31.229, 208.452
Yxy	30.7487, 0.2283, 0.3099
Android (android.graphics.Color)	4281574832 (0xFF33A5B0)
YUV	132.1680, 21.6092, -71.1843
Hunter-Lab	55.4515, -24.1070, -10.1707




Details

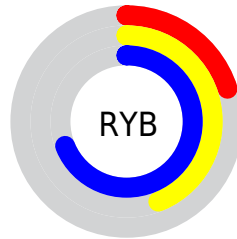
The Hex color **33A5B0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B03E33**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **73DCE8**, and **00717C** is the 20% darker color. If you saturate the color by 10%, you get **21A3B0**, and if you desaturate by 10%, it is **45A7B0**.

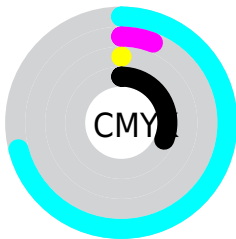
Distribution







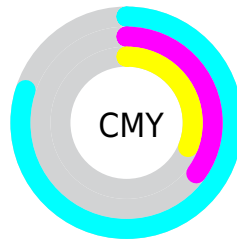
-  Red (20%)
-  Green (65%)
-  Blue (69%)






-  Red (20%)
-  Yellow (44%)
-  Blue (69%)



-  Cyan (71%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (80%)
-  Magenta (35%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A5B0 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 33A5B0 by changing the saturation by 10% instead.



33A5B0



33A5B0

FFFFFF



008A95



73DCE8



00717C



91F9FF



005863



AFFFFFF



00404B



CCFFFF



002934



EFFFFFF



00101F



000004



000000



33A5B0



33A5B0

■ 21A3B0

■ 45A7B0

■ 10A2B0

■ 56A8B0

■ 00A1B0

■ 68AAB0

■ 79ABB0

■ 8BADB0

■ 9DAEB0

■ AEB0B0

■ C0B1B0

■ D1B3B0

Harmonies

Analogous

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



4CA594



33A5B0



44A1C5

Triad

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



33A5B0



B887B4



AB945F

Complementary

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



33A5B0



B03E33

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.



C18B68



33A5B0



CA8299

Square

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



33A5B0



9890C7



CD837E



8E9D65

Rectangle

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



33A5B0



5F9CCC



CD837E



B39160

Sweetspot

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



33A5B0



B5E1E6



33B03D



567073



F2F2F2



737373

Same Dimension

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



33A5B0



22D4E6



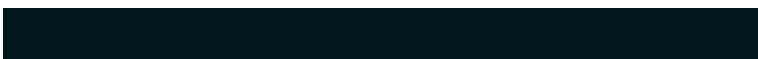
3367B0



505859



008C99



00171A

Inverse Universe

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



B033A5



E622D4



B07C33



595058



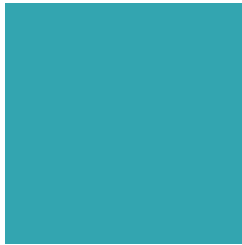
99008C



1A0017

Previews

White Background



This preview shows how the Hex color 33A5B0 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



This preview shows how the Hex color 33A5B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

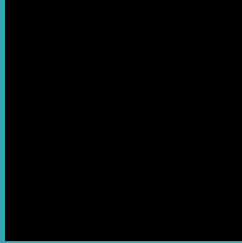
Any Text WCAG AA ✓ Pass

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 33A5B0 Background



This preview shows how black text looks on a background with the Hex color 33A5B0.

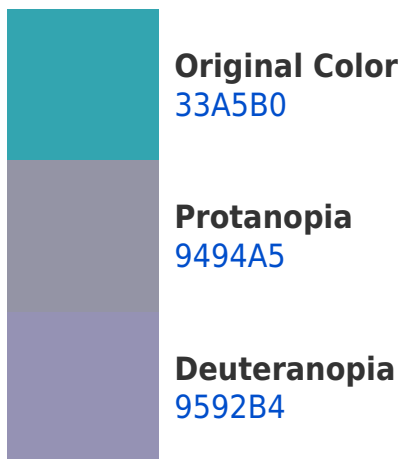


This preview shows how white text looks on a background with the Hex color 33A5B0.

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](#).

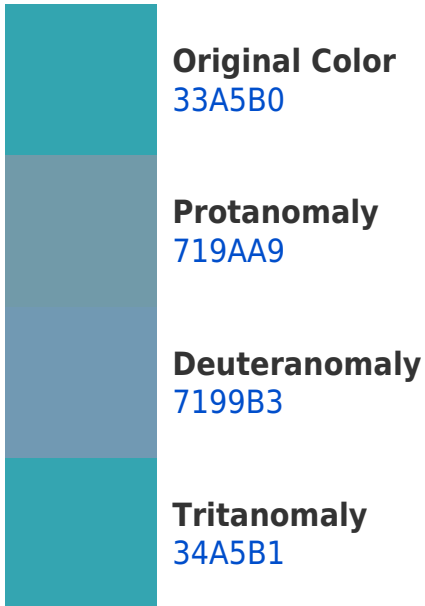
Dichromacy



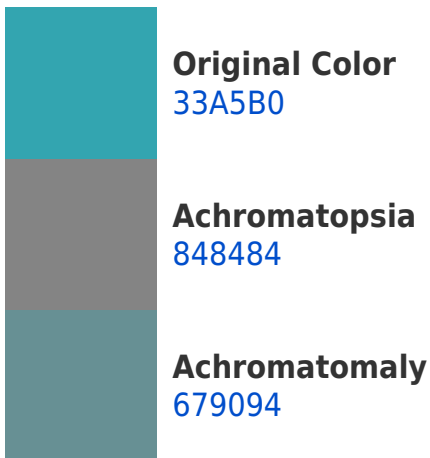


Tritanopia
34A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33A5B0 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 #33A5B0 looks like.

```
.text, #text, p{  
    color:#33A5B0  
}
```

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 #33A5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A5B0
}
```

Border

The CSS property to change the border of an element to Hex 33A5B0 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
#33A5B0 }
```

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

```
.border{ border-color:#33A5B0 }
```

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

Here you see how a box with a 4 pixel #33A5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A5B0; -webkit-box-shadow:4px 4px  
4px 4px #33A5B0; box-shadow:4px 4px 4px  
4px #33A5B0 }
```

Background

The CSS property to change the background color of an element to Hex 33A5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A5B0 }
```

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

```
.background{ background-color:#33A5B0 }
```

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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