

Converting Colors

Hex(35AAB0)

Have a look what the booklet for
Hex(35AAB0) contains.

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Color

Hex(35AAB0)

Conversions

Conversions Part 1

Format	Color
Hex	35AAB0
RGB	53, 170, 176
RGB Percent	21%, 67%, 69%
CMY	0.7922, 0.3333, 0.3098
CMYK	0.70, 0.03, 0.00, 0.31
HSL	183°, 54%, 45%
HSV	183°, 70%, 69%
XYZ	23.6794, 32.6409, 46.1266
YIQ	135.7010, -71.6580, -22.9380

Conversions

Conversions Part 2

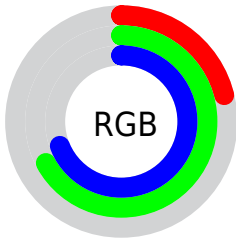
Format	Color
R _{YB}	53, 113, 176
Decimal	3517104
CIE Lab	63.87, -29.65, -12.50
CIE LCh	64, 32.176, 202.866
Yxy	32.6409, 0.2311, 0.3186
Android (android.graphics.Color)	4281707184 (0xFF35AAB0)
YUV	135.7010, 19.8674, -72.5288
Hunter-Lab	57.1322, -25.9991, -7.8761




Details

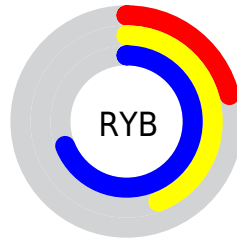
The Hex color **35AAB0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B03B35**, and the grayscale version is **888888**.




A 20% lighter version of the original color is **75E2E8**, and **00757C** is the 20% darker color. If you saturate the color by 10%, you get **23A9B0**, and if you desaturate by 10%, it is **47ABB0**.

Distribution







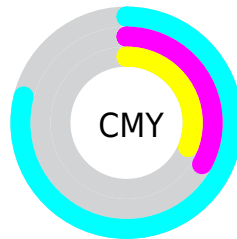
-  Red (21%)
-  Green (67%)
-  Blue (69%)






-  Red (21%)
-  Yellow (44%)
-  Blue (69%)



-  Cyan (70%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (79%)
-  Magenta (33%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AAB0 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 35AAB0 by changing the saturation by 10% instead.

 35AAB0

 35AAB0

FFFFFF

 008F95

 75E2E8

 00757C

 93FFFF

 005C63

 B0FFFF

 00444B

 CEFFFF

 002D34

 ECFFFF

 00171F

 000005

 000000

 35AAB0

 35AAB0

■ 23A9B0

■ 47ABB0

■ 12A8B0

■ 58ACB0

■ 00A7B0

■ 6AADB0

■ 7BADB0

■ 8DAEB0

■ 9FAFB0

■ B0B0B0

■ C2B1B0

■ D3B2B0

Harmonies

Analogous

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



53AA93



35AAB0



3DA7C8

Triad

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



35AAB0



B98CBE



B49762

Complementary

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



35AAB0



B03B35

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.



CA8D6E



35AAB0



CE85A3

Square

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



35AAB0



9596CF



D38686



98A065

Rectangle

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



35AAB0



58A2D1



D38686



BD9364

Sweetspot

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



35AAB0



B5E3E6



35B039



567173



F2F2F2



737373

Same Dimension

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



35AAB0



25DCE6



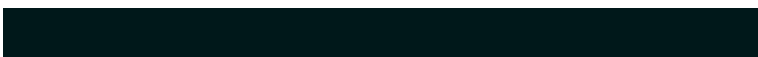
356EB0



505959



009299



00181A

Inverse Universe

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



B035AA



E625DC



B07735



595059



990092



1A0018

Previews

White Background



This preview shows how the Hex color 35AAB0 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 35AAB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

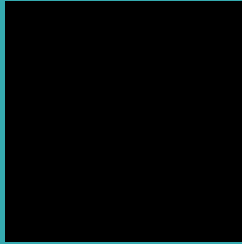
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

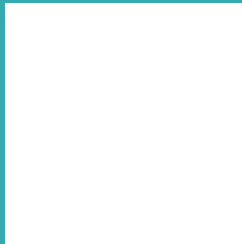
Any Text WCAG AAA ✓ Pass

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

Hex 35AAB0 Background



This preview shows how black text looks on a background with the Hex color 35AAB0.

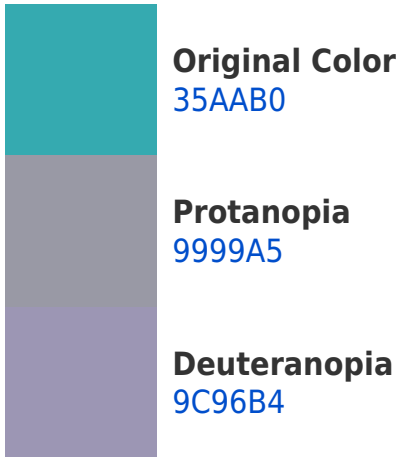


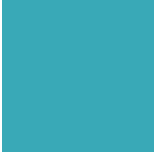
This preview shows how white text looks on a background with the Hex color 35AAB0.

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](#).

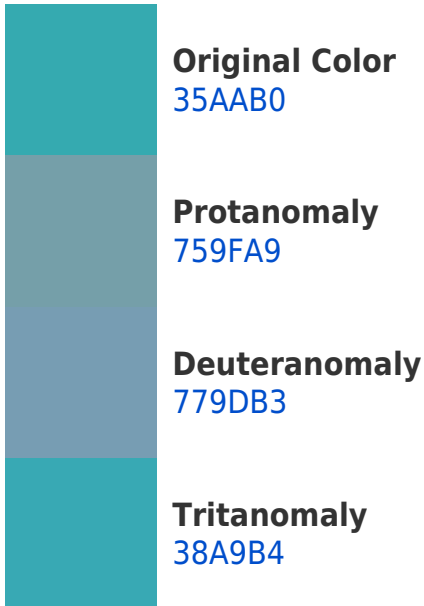
Dichromacy



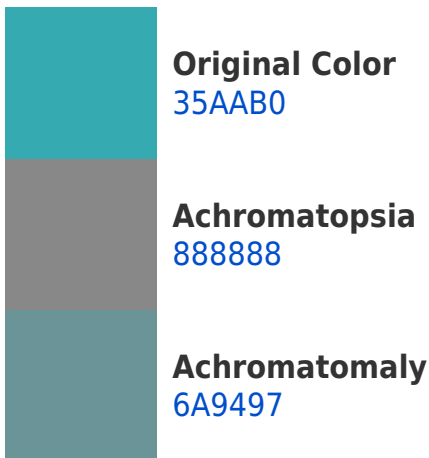


Tritanopia
39A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35AAB0 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 #35AAB0 looks like.

```
.text, #text, p{  
    color:#35AAB0  
}
```

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 #35AAB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AAB0  
}
```

Border

The CSS property to change the border of an element to Hex 35AAB0 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  
#35AAB0 }
```

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

```
.border{ border-color:#35AAB0 }
```

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

Here you see how a box with a 4 pixel #35AAB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AAB0; -webkit-box-shadow:4px 4px  
4px 4px #35AAB0; box-shadow:4px 4px 4px  
4px #35AAB0 }
```

Background

The CSS property to change the background color of an element to Hex 35AAB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AAB0 }
```

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

```
.background{ background-color:#35AAB0 }
```

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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