

Converting Colors

Hex(35B99A)

Have a look what the booklet for
Hex(35B99A) contains.

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Color

Hex(35B99A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 35B99A |
| RGB | 53, 185, 154 |
| RGB Percent | 21%, 73%, 60% |
| CMY | 0.7922, 0.2745, 0.3961 |
| CMYK | 0.71, 0.00, 0.17, 0.27 |
| HSL | 166°, 55%, 47% |
| HSV | 166°, 71%, 73% |
| XYZ | 24.6499, 37.7879, 36.5665 |
| YIQ | 141.9980, -68.7210, -37.6250 |

Conversions

Conversions Part 2

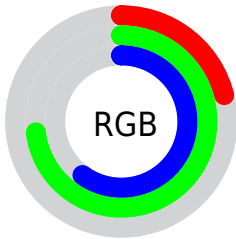
| Format | Color |
|-------------------------------------|--|
| RYB | 53, 128, 185 |
| Decimal | 3520922 |
| CIELab | 67.86, -42.63, 5.58 |
| CIELCh | 68, 42.989, 172.548 |
| Yxy | 37.7879, 0.2490, 0.3817 |
| Android (android.graphics.Color) | 4281711002 (0xFF35B99A) |
| YUV | 141.9980, 5.9170, -78.0512 |
| Hunter-Lab | 61.4719, -35.9982, 7.7617 |

Details

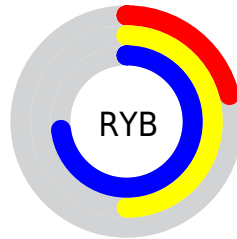
The Hex color **35B99A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B93554**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **76F2D0**, and **008367** is the 20% darker color. If you saturate the color by 10%, you get **23B996**, and if you desaturate by 10%, it is **48B99E**.

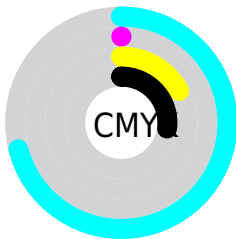
Distribution



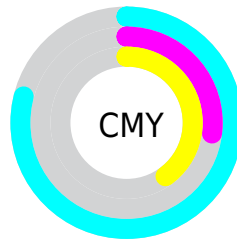
- Red (21%)
- Green (73%)
- Blue (60%)



- Red (21%)
- Yellow (50%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (79%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B99A 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 35B99A by changing the saturation by 10% instead.

 35B99A

 35B99A

FFFFFF

 009E80

 76F2D0

 008367

 93FFED

 00694F

 B1FFFF

 005038

 CFFFFFF

 003823

 EDFFFF

 00230D

 000000

 35B99A

 35B99A

 23B996

 48B99E

 10B991

 5AB9A3

 00B98E

 6DB9A7

 7FB9AB

 92B9B0

 A4B9B4

 B7B9B8

 C9B9BD

 DCB9C1

Harmonies

Analogous

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



73B575



35B99A



00B9C2

Triad

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



35B99A



9A9FED



E29269

Complementary

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



35B99A



B93554

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.



F0888A



35B99A



CC90D5

Square

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



35B99A



52ACF2



E987B1



C6A057

Rectangle

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



35B99A



00B7D9



E987B1



E98E73

Sweetspot

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



35B99A



BDF0E4



56B935



5A7871



F7F7F7



787878

Same Dimension

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



35B99A



22F0BF



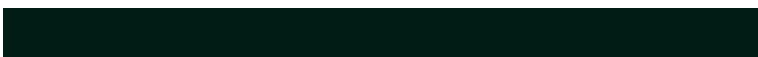
3598B9



535C5A



009C77



001C15

Inverse Universe

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



B93554



F02252



B95635



5C5355



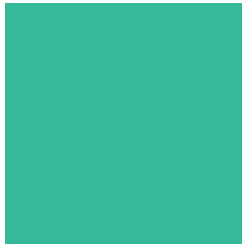
9C0025



1C0007

Previews

White Background



This preview shows how the Hex color 35B99A looks on a white background.

Color Contrast Check

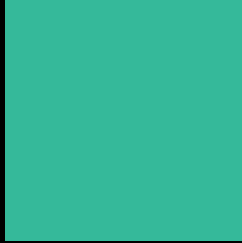
Large Text (above 18pt) WCAG AA × Fail

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 35B99A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

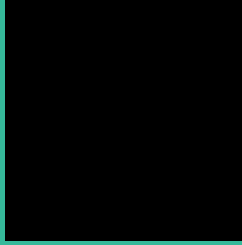
Any Text WCAG AA ✓ Pass

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 35B99A Background



This preview shows how black text looks on a background with the Hex color 35B99A.

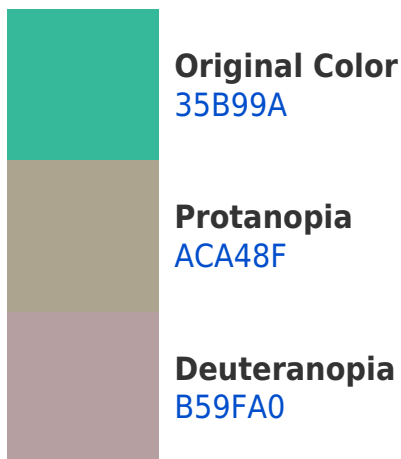


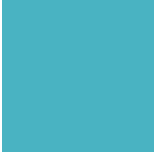
This preview shows how white text looks on a background with the Hex color 35B99A.

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
49B3C2

Trichromacy



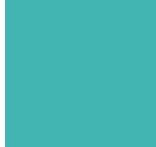
Original Color
35B99A



Protanomaly
81AC93



Deuteranomaly
86A89E



Tritanomaly
42B5B3

Monochromacy



Original Color
35B99A



Achromatopsia
8E8E8E



Achromatomaly
6E9E92

CSS Examples

Text

The CSS property to change the color of the text to Hex 35B99A 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 #35B99A looks like.

```
.text, #text, p{  
    color:#35B99A  
}
```

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 #35B99A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B99A
}
```

Border

The CSS property to change the border of an element to Hex 35B99A 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
#35B99A }
```

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

```
.border{ border-color:#35B99A }
```

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

Here you see how a box with a 4 pixel #35B99A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B99A; -webkit-box-shadow:4px 4px  
4px 4px #35B99A; box-shadow:4px 4px 4px  
4px #35B99A }
```

Background

The CSS property to change the background color of an element to Hex 35B99A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B99A }
```

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

```
.background{ background-color:#35B99A }
```

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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