

Converting Colors

Hex(35B9A2)

Have a look what the booklet for
Hex(35B9A2) contains.

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Color

Hex(35B9A2)

Conversions

Conversions Part 1

Format	Color
Hex	35B9A2
RGB	53, 185, 162
RGB Percent	21%, 73%, 64%
CMY	0.7922, 0.2745, 0.3647
CMYK	0.71, 0.00, 0.12, 0.27
HSL	170°, 55%, 47%
HSV	170°, 71%, 73%
XYZ	25.3387, 38.0634, 40.1939
YIQ	142.9100, -71.2890, -35.1370

Conversions

Conversions Part 2

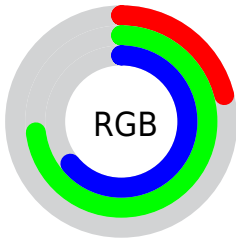
Format	Color
RYB	53, 125, 185
Decimal	3520930
CIELab	68.07, -40.56, 1.47
CIELCh	68, 40.586, 177.920
Yxy	38.0634, 0.2446, 0.3674
Android (android.graphics.Color)	4281711010 (0xFF35B9A2)
YUV	142.9100, 9.4114, -78.8511
Hunter-Lab	61.6956, -34.6562, 4.5602

Details

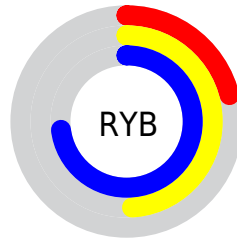
The Hex color **35B9A2** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B9354C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **76F2D9**, and **00836E** is the 20% darker color. If you saturate the color by 10%, you get **23B99F**, and if you desaturate by 10%, it is **48B9A5**.

Distribution



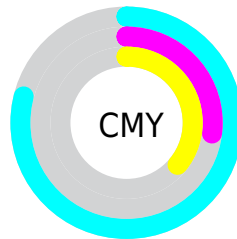
- Red (21%)
- Green (73%)
- Blue (64%)



- Red (21%)
- Yellow (49%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (79%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B9A2 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 35B9A2 by changing the saturation by 10% instead.

 35B9A2

 35B9A2

FFFFFF

 009E88

 76F2D9

 00836E

 94FFF5

 006956

 B2FFFF

 00503F

 CFFFFFF

 003829

 EFFFFFF

 002315

 000000

 35B9A2

 35B9A2

 23B99F

 48B9A5

■ 10B99C

■ 5AB9A8

■ 00B999

■ 6DB9AC

■ 7FB9AF

■ 92B9B2

■ A4B9B5

■ B7B9B9

■ C9B9BC

■ DCB9BF

Harmonies

Analogous

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



6EB57E



35B9A2



00B9C7

Triad

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



35B9A2



A69DE7



DC9669

Complementary

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



35B9A2



B9354C

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.



EC8B85



35B9A2



D190CD

Square

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



35B9A2



69AAEF



E989AA



C0A35C

Rectangle

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



35B9A2



00B6DB



E989AA



E39271

Sweetspot

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



35B9A2



BDF0E7



4DB935



5A7873



F7F7F7



787878

Same Dimension

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



35B9A2



22F0CC



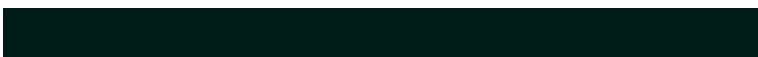
358FB9



535C5A



009C80



001C17

Inverse Universe

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



B9354C



F02245



B95F35



5C5354



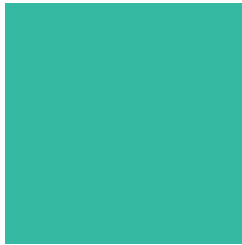
9C001B



1C0005

Previews

White Background



This preview shows how the Hex color 35B9A2 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 35B9A2 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

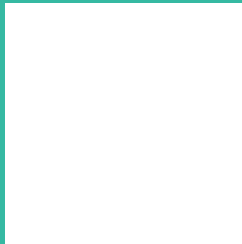
Any Text WCAG AAA ✓ Pass

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

Hex 35B9A2 Background



This preview shows how black text looks on a background with the Hex color 35B9A2.

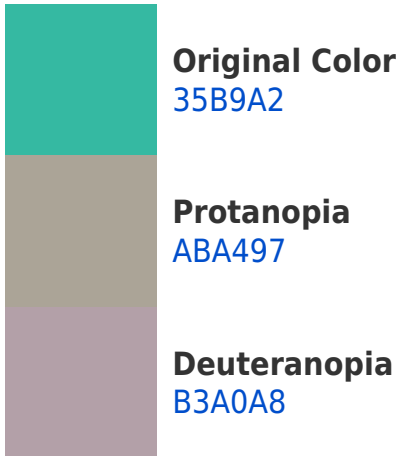


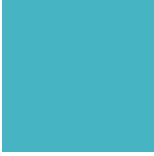
This preview shows how white text looks on a background with the Hex color 35B9A2.

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
46B4C3

Trichromacy



Original Color
35B9A2



Protanomaly
80AC9B



Deuteranomaly
85A9A6



Tritanomaly
40B6B7

Monochromacy



Original Color
35B9A2



Achromatopsia
8F8F8F



Achromatomaly
6E9E96

CSS Examples

Text

The CSS property to change the color of the text to Hex 35B9A2 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 #35B9A2 looks like.

```
.text, #text, p{  
    color:#35B9A2  
}
```

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 #35B9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B9A2
}
```

Border

The CSS property to change the border of an element to Hex 35B9A2 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
#35B9A2 }
```

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

```
.border{ border-color:#35B9A2 }
```

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

Here you see how a box with a 4 pixel #35B9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B9A2; -webkit-box-shadow:4px 4px  
4px 4px #35B9A2; box-shadow:4px 4px 4px  
4px #35B9A2 }
```

Background

The CSS property to change the background color of an element to Hex 35B9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B9A2 }
```

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

```
.background{ background-color:#35B9A2 }
```

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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