

# Converting Colors

Hex(36C3B2)

Have a look what the booklet for  
Hex(36C3B2) contains.

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# Color

Hex(36C3B2)

# Conversions

## Conversions Part 1

Format	Color
Hex	36C3B2
RGB	54, 195, 178
RGB Percent	21%, 76%, 70%
CMY	0.7882, 0.2353, 0.3020
CMYK	0.72, 0.00, 0.09, 0.24
HSL	173°, 57%, 49%
HSV	173°, 72%, 76%
XYZ	29.0723, 43.0288, 48.8926
YIQ	150.9030, -78.5790, -35.1790

# Conversions

## Conversions Part 2

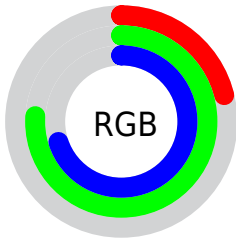
Format	Color
<a href="#">RYB</a>	<a href="#">54, 129, 195</a>
Decimal	<a href="#">3589042</a>
CIELab	<a href="#">71.57, -40.59, -2.16</a>
CIELCh	<a href="#">72, 40.647, 183.049</a>
Yxy	<a href="#">43.0288, 0.2403, 0.3556</a>
Android (android.graphics.Color)	<a href="#">4281779122</a> ( <a href="#">0xFF36C3B2</a> )
YUV	<a href="#">150.9030, 13.3588, -84.9839</a>
Hunter-Lab	<a href="#">65.5964, -35.6824, 1.7253</a>

# Details

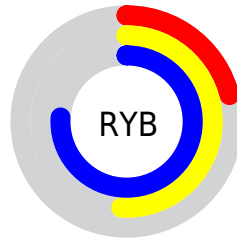
The Hex color **36C3B2** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C33647**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **79FCEA**, and **008C7D** is the 20% darker color. If you saturate the color by 10%, you get **23C3B0**, and if you desaturate by 10%, it is **4AC3B4**.

# Distribution



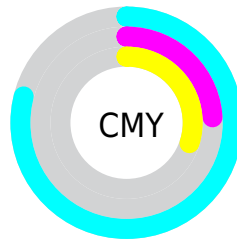
- Red (21%)
- Green (76%)
- Blue (70%)



- Red (21%)
- Yellow (51%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36C3B2 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 36C3B2 by changing the saturation by 10% instead.





36C3B2



36C3B2

FFFFFF



00A797



79FCEA



008C7D



98FFFF



007265



B6FFFF



00594D



D4FFFF



004136



F2FFFF



002B21



000B0B



000000



36C3B2



36C3B2

■ 23C3B0

■ 4AC3B4

■ 0FC3AD

■ 5DC3B7

■ 00C3AB

■ 70C3B9

■ 84C3BB

■ 98C3BE

■ ABC3C0

■ BEC3C2

■ D2C3C5

■ E6C3C7

# Harmonies

## Analogous

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



6FC08C



36C3B2



00C2D7

# Triad

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



36C3B2



B8A4EE



E3A16E

# Complementary

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



36C3B2



C33647

# 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.



F59689



36C3B2



E198D2

# Square

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



36C3B2



7EB2F9



F592AD



C4AE64

# Rectangle

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



36C3B2



0CBEEA



F592AD



EA9D75

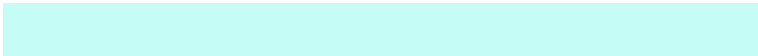


# Sweetspot

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



36C3B2



C5FCF6



49C336



5E807C



000000



808080



# Same Dimension

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



36C3B2



21FCE2



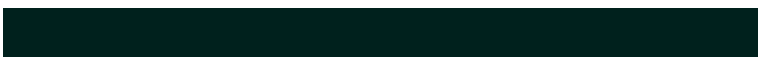
368FC3



576160



00A18D



00211D



# Inverse Universe

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



C33647



FC213B



C36A36



615758



A10013

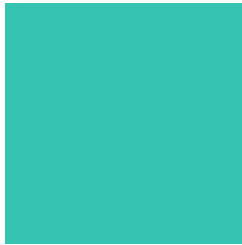


210004



# Previews

## White Background



This preview shows how the Hex color 36C3B2 looks on a white background.

## Color Contrast Check

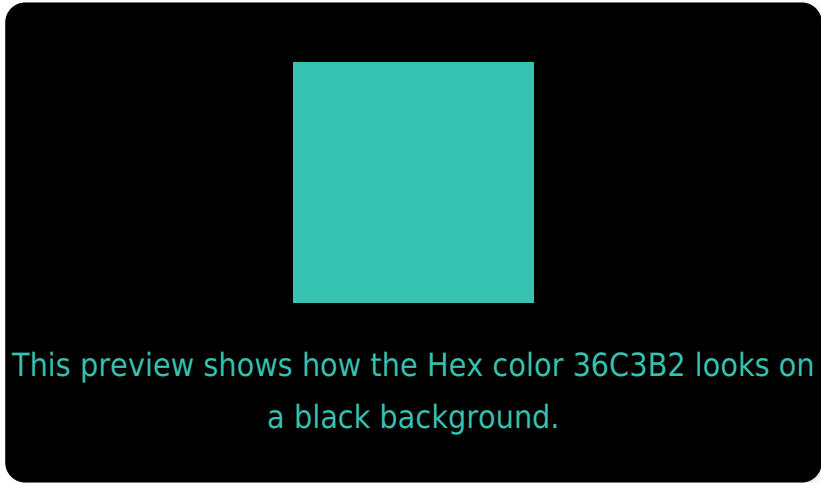
Large Text (above 18pt) WCAG AA × Fail

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

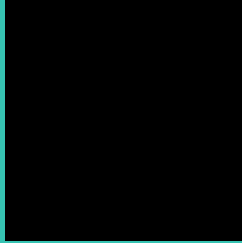
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

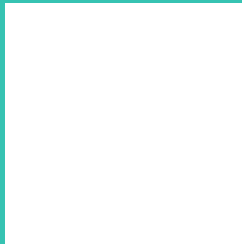
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36C3B2 Background



This preview shows how black text looks on a background with the Hex color 36C3B2.

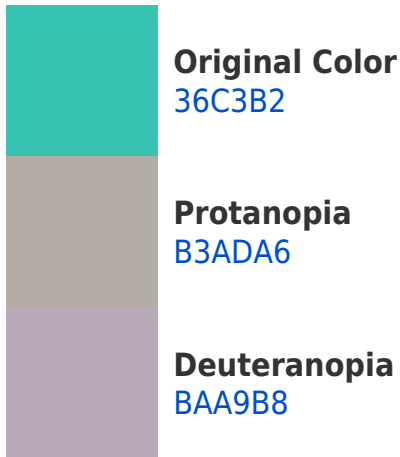


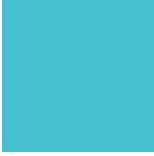
This preview shows how white text looks on a background with the Hex color 36C3B2.

# 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**  
46BFCE

# Trichromacy



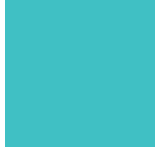
**Original Color**  
36C3B2



**Protanomaly**  
86B5AA



**Deuteranomaly**  
8AB2B6



**Tritanomaly**  
40C0C4

# Monochromacy



**Original Color**  
36C3B2



**Achromatopsia**  
979797



**Achromatomaly**  
74A7A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36C3B2 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 #36C3B2 looks like.

```
.text, #text, p{  
    color:#36C3B2  
}
```

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 #36C3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C3B2
}
```

## Border

The CSS property to change the border of an element to Hex 36C3B2 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
#36C3B2 }
```

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

```
.border{ border-color:#36C3B2 }
```

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

Here you see how a box with a 4 pixel #36C3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C3B2; -webkit-box-shadow:4px 4px  
4px 4px #36C3B2; box-shadow:4px 4px 4px  
4px #36C3B2 }
```

# Background

The CSS property to change the background color of an element to Hex 36C3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C3B2 }
```

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

```
.background{ background-color:#36C3B2 }
```

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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