

# Converting Colors

Hex(3CB2B2)

Have a look what the booklet for  
Hex(3CB2B2) contains.

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**Color**

**Hex(3CB2B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CB2B2
RGB	60, 178, 178
RGB Percent	24%, 70%, 70%
CMY	0.7647, 0.3020, 0.3020
CMYK	0.66, 0.00, 0.00, 0.30
HSL	180°, 50%, 47%
HSV	180°, 66%, 70%
XYZ	25.8198, 36.0158, 47.7104
YIQ	142.7180, -70.3280, -25.0160

# Conversions

## Conversions Part 2

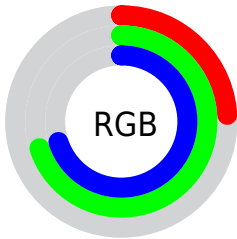
Format	Color
<a href="#">RYB</a>	<a href="#">60, 119, 178</a>
Decimal	<a href="#">3977906</a>
CIELab	<a href="#">66.53, -31.92, -9.61</a>
CIELCh	<a href="#">67, 33.334, 196.759</a>
Yxy	<a href="#">36.0158, 0.2357, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4282167986</a> ( <a href="#">0xFF3CB2B2</a> )
YUV	<a href="#">142.7180, 17.3940, -72.5437</a>
Hunter-Lab	<a href="#">60.0132, -28.2261, -5.1262</a>

# Details

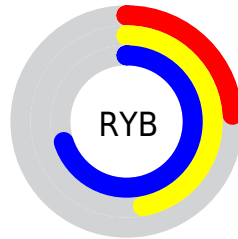
The Hex color **3CB2B2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B23C3C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7BEAEA**, and **007D7D** is the 20% darker color. If you saturate the color by 10%, you get **2AB2B2**, and if you desaturate by 10%, it is **4EB2B2**.

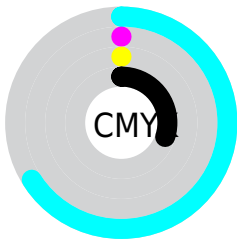
# Distribution



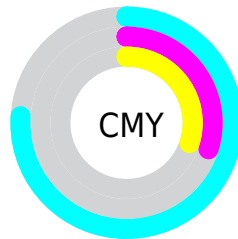
- Red (24%)
- Green (70%)
- Blue (70%)



- Red (24%)
- Yellow (47%)
- Blue (70%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (76%)
- Magenta (30%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CB2B2 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 3CB2B2 by changing the saturation by 10% instead.





3CB2B2



3CB2B2

FFFFFF



0C9797



7BEAEA



007D7D



98FFFF



006365



B6FFFF



004B4D



D4FFFF



003336



F2FFFF



002021



000009



000000



3CB2B2



3CB2B2

■ 2AB2B2

■ 4EB2B2

■ 18B2B2

■ 60B2B2

■ 07B2B2

■ 71B2B2

■ 00B2B2

■ 83B2B2

■ 95B2B2

■ A7B2B2

■ B9B2B2

■ CAB2B2

■ DCB2B2

# Harmonies

## Analogous

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



5FB193



3CB2B2



3AAFCC

# Triad

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



3CB2B2



BA94CB



C29B68

# Complementary

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



3CB2B2



B23C3C

# 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.



D69177



3CB2B2



D48CB0

# Square

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



3CB2B2



929FDB



DD8B92



A5A568

# Rectangle

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



3CB2B2



53ABD8



DD8B92



CA986B



# Sweetspot

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



3CB2B2



BAE8E8



3CB23C



597575



F5F5F5



757575



# Same Dimension

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



3CB2B2



2EE8E8



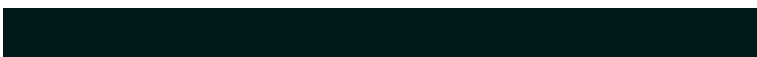
3C77B2



505959



009999



001A1A



# Inverse Universe

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



B23CB2



E82EE8



B2773C



595059



990099

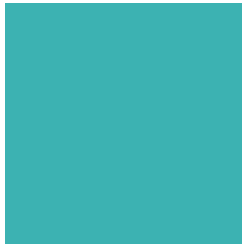


1A001A



# Previews

## White Background



This preview shows how the Hex color 3CB2B2 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 3CB2B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

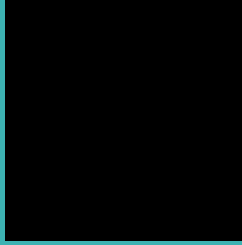
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

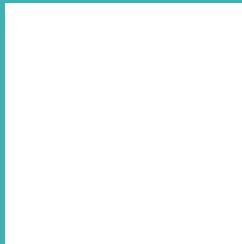
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CB2B2 Background



This preview shows how black text looks on a background with the Hex color 3CB2B2.

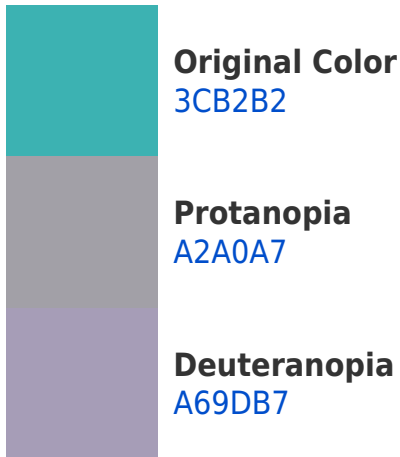


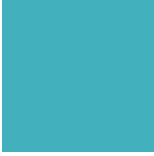
This preview shows how white text looks on a background with the Hex color 3CB2B2.

# 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**  
43B0BE

# Trichromacy



**Original Color**  
3CB2B2



**Protanomaly**  
7DA7AB



**Deuteranomaly**  
7FA5B5



**Tritanomaly**  
40B1BA

# Monochromacy



**Original Color**  
3CB2B2



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
719C9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CB2B2 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 #3CB2B2 looks like.

```
.text, #text, p{  
    color:#3CB2B2  
}
```

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 #3CB2B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB2B2
}
```

## Border

The CSS property to change the border of an element to Hex 3CB2B2 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
#3CB2B2 }
```

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

```
.border{ border-color:#3CB2B2 }
```

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

Here you see how a box with a 4 pixel #3CB2B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB2B2; -webkit-box-shadow:4px 4px  
4px 4px #3CB2B2; box-shadow:4px 4px 4px  
4px #3CB2B2 }
```

# Background

The CSS property to change the background color of an element to Hex 3CB2B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB2B2 }
```

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

```
.background{ background-color:#3CB2B2 }
```

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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