

# Converting Colors

Hex(3BC4C2)

Have a look what the booklet for  
Hex(3BC4C2) contains.

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# Color

Hex(3BC4C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	3BC4C2
RGB	59, 196, 194
RGB Percent	23%, 77%, 76%
CMY	0.7686, 0.2314, 0.2392
CMYK	0.70, 0.00, 0.01, 0.23
HSL	179°, 54%, 50%
HSV	179°, 70%, 77%
XYZ	31.2812, 44.3047, 57.9419
YIQ	154.8090, -81.0100, -29.6660

# Conversions

## Conversions Part 2

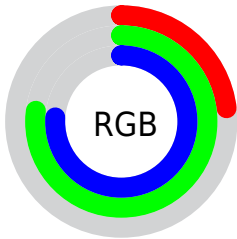
Format	Color
R <sub>YB</sub>	59, 128, 196
Decimal	3916994
CIE Lab	72.43, -35.96, -9.60
CIE LCh	72, 37.220, 194.952
Yxy	44.3047, 0.2343, 0.3318
Android (android.graphics.Color)	4282107074 (0xFF3BC4C2)
YUV	154.8090, 19.3212, -84.0245
Hunter-Lab	66.5618, -32.5958, -5.0186

# Details

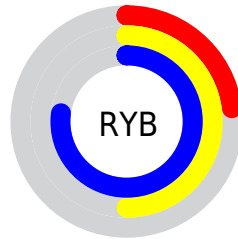
The Hex color **3BC4C2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C43B3D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFDFA**, and **008E8C** is the 20% darker color. If you saturate the color by 10%, you get **27C4C2**, and if you desaturate by 10%, it is **4FC4C2**.

# Distribution



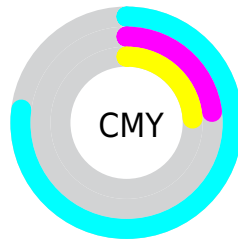
- Red (23%)
- Green (77%)
- Blue (76%)



- Red (23%)
- Yellow (50%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BC4C2 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 3BC4C2 by changing the saturation by 10% instead.





3BC4C2



3BC4C2

FFFFFF



00A8A7



7EFDFA



008E8C



9CFFFF



007473



BBFFFF



005A5B



D9FFFF



004243



F7FFFF



002B2D



001119



000000



3BC4C2



3BC4C2

■ 27C4C2

■ 4FC4C2

■ 14C4C1

■ 62C4C3

■ 00C4C1

■ 76C4C3

■ 89C4C3

■ 9DC4C3

■ B1C4C4

■ C4C4C4

■ D8C4C4

■ EBC4C5

# Harmonies

## Analogous

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



67C39F



3BC4C2



32C1E1

# Triad

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



3BC4C2



CBA3E2



D7AA70

# Complementary

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



3BC4C2



C43B3D

# 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.



ED9E83



3BC4C2



E999C4

# Square

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



3BC4C2



9DAFF3



F598A2



B7B56F

# Rectangle

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



3BC4C2



51BDEE



F598A2



E0A675



# Sweetspot

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



3BC4C2



C9FFFE



3DC43B



60807F



000000



808080



# Same Dimension

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



3BC4C2



29FFFC



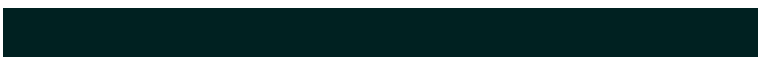
3B82C4



576161



00A19E



002121



# Inverse Universe

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



C43B3D



FF292C



C47D3B



615757



A10002

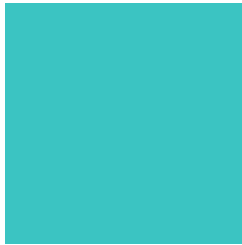


210000



# Previews

## White Background



This preview shows how the Hex color 3BC4C2 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 3BC4C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

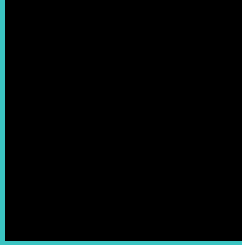
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

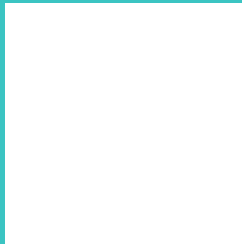
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BC4C2 Background



This preview shows how black text looks on a background with the Hex color 3BC4C2.



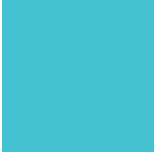
This preview shows how white text looks on a background with the Hex color 3BC4C2.

# 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**  
44C2D1

# Trichromacy



**Original Color**  
3BC4C2



**Protanomaly**  
87B7BA



**Deuteranomaly**  
8AB5C5



**Tritanomaly**  
41C3CC

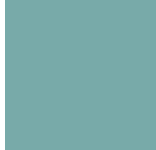
# Monochromacy



**Original Color**  
3BC4C2



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
78AAA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BC4C2 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 #3BC4C2 looks like.

```
.text, #text, p{  
    color:#3BC4C2  
}
```

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 #3BC4C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC4C2
}
```

## Border

The CSS property to change the border of an element to Hex 3BC4C2 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
#3BC4C2 }
```

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

```
.border{ border-color:#3BC4C2 }
```

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

Here you see how a box with a 4 pixel #3BC4C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC4C2; -webkit-box-shadow:4px 4px  
4px 4px #3BC4C2; box-shadow:4px 4px 4px  
4px #3BC4C2 }
```

# Background

The CSS property to change the background color of an element to Hex 3BC4C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC4C2 }
```

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

```
.background{ background-color:#3BC4C2 }
```

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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