

# Converting Colors

Hex(3BCCA4)

Have a look what the booklet for  
Hex(3BCCA4) contains.

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# Color

**Hex(3BCCA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BCCA4
RGB	59, 204, 164
RGB Percent	23%, 80%, 64%
CMY	0.7686, 0.2000, 0.3569
CMYK	0.71, 0.00, 0.20, 0.20
HSL	163°, 59%, 52%
HSV	163°, 71%, 80%
XYZ	30.0973, 46.7959, 42.5682
YIQ	156.0850, -73.5800, -43.1800

# Conversions

## Conversions Part 2

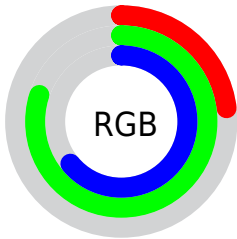
Format	Color
<a href="#">RYB</a>	<a href="#">59, 143, 204</a>
Decimal	<a href="#">3919012</a>
CIELab	<a href="#">74.06, -47.39, 9.03</a>
CIELCh	<a href="#">74, 48.238, 169.208</a>
Yxy	<a href="#">46.7959, 0.2519, 0.3917</a>
Android (android.graphics.Color)	<a href="#">4282109092 (0xFF3BCCA4)</a>
YUV	<a href="#">156.0850, 3.9021, -85.1435</a>
Hunter-Lab	<a href="#">68.4075, -41.1783, 10.9907</a>

# Details

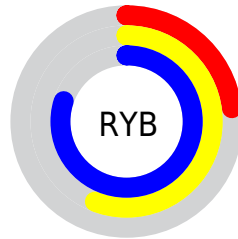
The Hex color **3BCCA4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC3B63**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7DFFDB**, and **009570** is the 20% darker color. If you saturate the color by 10%, you get **27CC9E**, and if you desaturate by 10%, it is **4FCCAA**.

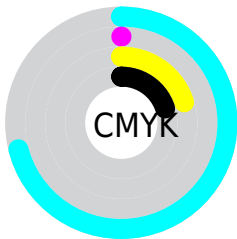
# Distribution



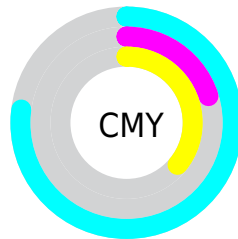
- Red (23%)
- Green (80%)
- Blue (64%)



- Red (23%)
- Yellow (56%)
- Blue (80%)



- Cyan (71%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (77%)
- Magenta (20%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BCCA4 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 3BCCA4 by changing the saturation by 10% instead.





3BCCA4



3BCCA4

FFFFFF



00B08A



7DFFDB



009570



9BFFF7



007A58



B9FFFF



006040



D8FFFF



00482A



F6FFFF



003016



001700



000000



3BCCA4



3BCCA4

■ 27CC9E

■ 4FCCAA

■ 12CC99

■ 64CCAF

■ 00CC94

■ 78CCB5

■ 8DCCBB

■ A1CCC0

■ B5CCC6

■ CACCCB

■ DECCD1

■ F3CCD7

# Harmonies

## Analogous

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



82C77A



3BCCA4



00CDD2

# Triad

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



3BCCA4



A1B1FF



FE9E75

# Complementary

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



3BCCA4



CC3B63

# 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.



FF939B



3BCCA4



DDA0F0

# Square

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



3BCCA4



45BFFF



FF94C8



DFAE5E

# Rectangle

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



3BCCA4



00CBED



FF94C8



FF9A80

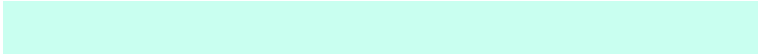


# Sweetspot

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



3BCCA4



C9FFF0



64CC3B



608077



000000



808080



# Same Dimension

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



3BCCA4



26FFC3



3BADCC



5C6663



00A678



00261C



# Inverse Universe

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



CC3B63



FF2662



CC5A3B



665C5F



A6002E

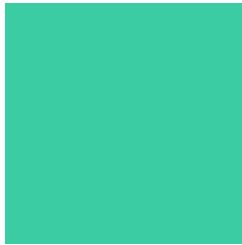


26000B



# Previews

## White Background



This preview shows how the Hex color 3BCCA4 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 3BCCA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

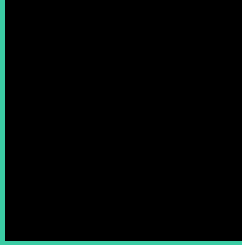
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

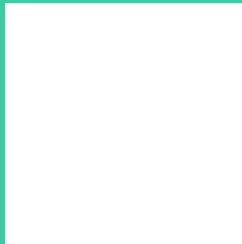
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BCCA4 Background



This preview shows how black text looks on a background with the Hex color 3BCCA4.



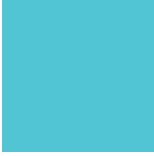
This preview shows how white text looks on a background with the Hex color 3BCCA4.

# 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**  
52C5D5

# Trichromacy



**Original Color**  
3BCCA4



**Protanomaly**  
8EBD9C

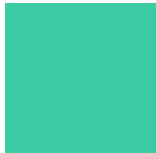


**Deuteranomaly**  
96B9A8

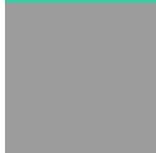


**Tritanomaly**  
4AC8C3

# Monochromacy



**Original Color**  
3BCCA4



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
79AD9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BCCA4 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 #3BCCA4 looks like.

```
.text, #text, p{  
    color:#3BCCA4  
}
```

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 #3BCCA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BCCA4
}
```

## Border

The CSS property to change the border of an element to Hex 3BCCA4 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
#3BCCA4 }
```

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

```
.border{ border-color:#3BCCA4 }
```

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

Here you see how a box with a 4 pixel #3BCCA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BCCA4; -webkit-box-shadow:4px 4px  
4px 4px #3BCCA4; box-shadow:4px 4px 4px  
4px #3BCCA4 }
```

# Background

The CSS property to change the background color of an element to Hex 3BCCA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BCCA4 }
```

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

```
.background{ background-color:#3BCCA4 }
```

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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