

# Converting Colors

Hex(3BCDA2)

Have a look what the booklet for  
Hex(3BCDA2) contains.

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# Color

Hex(3BCDA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	3BCDA2
RGB	59, 205, 162
RGB Percent	23%, 80%, 64%
CMY	0.7686, 0.1961, 0.3647
CMYK	0.71, 0.00, 0.21, 0.20
HSL	162°, 59%, 52%
HSV	162°, 71%, 80%
XYZ	30.1565, 47.2011, 41.7037
YIQ	156.4440, -73.2130, -44.3250

# Conversions

## Conversions Part 2

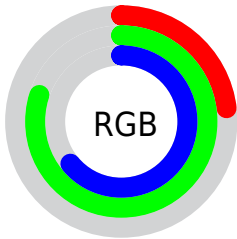
Format	Color
<a href="#">RYB</a>	<a href="#">59, 145, 205</a>
Decimal	<a href="#">3919266</a>
CIELab	<a href="#">74.32, -48.28, 10.48</a>
CIELCh	<a href="#">74, 49.403, 167.757</a>
Yxy	<a href="#">47.2011, 0.2533, 0.3964</a>
Android (android.graphics.Color)	<a href="#">4282109346 (0xFF3BCDA2)</a>
YUV	<a href="#">156.4440, 2.7391, -85.4584</a>
Hunter-Lab	<a href="#">68.7030, -41.8795, 12.1023</a>

# Details

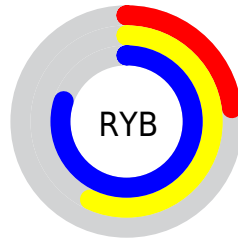
The Hex color **3BCDA2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD3B66**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7DFFD9**, and **00966E** is the 20% darker color. If you saturate the color by 10%, you get **27CD9C**, and if you desaturate by 10%, it is **50CDA8**.

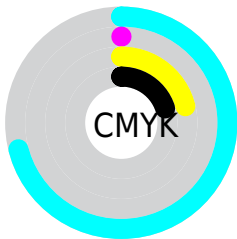
# Distribution



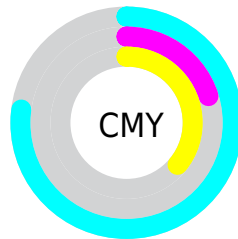
- Red (23%)
- Green (80%)
- Blue (64%)



- Red (23%)
- Yellow (57%)
- Blue (80%)



- Cyan (71%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BCDA2 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 3BCDA2 by changing the saturation by 10% instead.



 3BCDA2

 3BCDA2

FFFFFF

 00B188

 7DFFD9

 00966E

 9BFFF5

 007B56

 BAFFFF

 00613F

 D8FFFF

 004829

 F6FFFF

 003114

 001800

 000000

 3BCDA2

 3BCDA2

 27CD9C

 50CDA8

 12CD96

 64CDAE

 00CD91

 79CDB4

 8DCDBA

 A2CDC0

 B6CDC6

 CBCDCC

 DFCDD2

 F3CDD8

# Harmonies

## Analogous

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



84C778



3BCDA2



00CED1

# Triad

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



3BCDA2



9DB2FF



FF9D75

# Complementary

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



3BCDA2



CD3B66

# 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.



FF929D



3BCDA2



DDA1F4

# Square

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



3BCDA2



37C1FF



FF94CB



E3AE5D

# Rectangle

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



3BCDA2



00CCED



FF94CB



FF9981

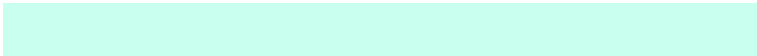


# Sweetspot

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



3BCDA2



C9FFEF



67CD3B



608076



000000



808080



# Same Dimension

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



3BCDA2



26FFBF



3BB0CD



5C6663



00A675



00261B



# Inverse Universe

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



CD3B66



FF2666



CD583B



665C5F



A60031

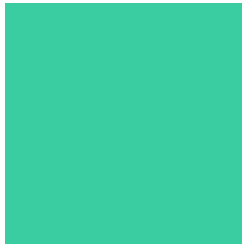


26000B



# Previews

## White Background



This preview shows how the Hex color 3BCDA2 looks on a white background.

## Color Contrast Check

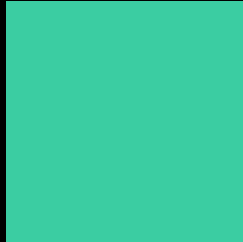
Large Text (above 18pt) WCAG AA × Fail

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 3BCDA2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

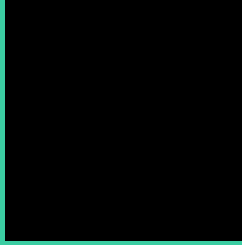
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

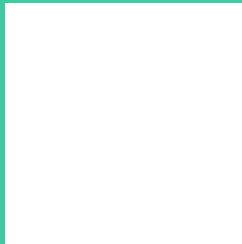
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BCDA2 Background



This preview shows how black text looks on a background with the Hex color 3BCDA2.

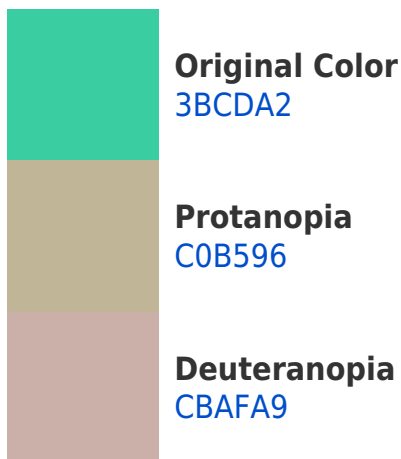


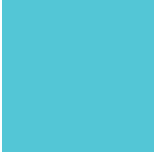
This preview shows how white text looks on a background with the Hex color 3BCDA2.

# 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**  
53C6D6

# Trichromacy



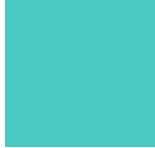
**Original Color**  
3BCDA2



**Protanomaly**  
90BE9A



**Deuteranomaly**  
97BAA6



**Tritanomaly**  
4AC9C3

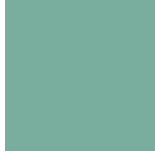
# Monochromacy



**Original Color**  
3BCDA2



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
79AE9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BCDA2 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 #3BCDA2 looks like.

```
.text, #text, p{  
    color:#3BCDA2  
}
```

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 #3BCDA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BCDA2
}
```

## Border

The CSS property to change the border of an element to Hex 3BCDA2 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
#3BCDA2 }
```

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

```
.border{ border-color:#3BCDA2 }
```

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

Here you see how a box with a 4 pixel #3BCDA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BCDA2; -webkit-box-shadow:4px 4px  
4px 4px #3BCDA2; box-shadow:4px 4px 4px  
4px #3BCDA2 }
```

# Background

The CSS property to change the background color of an element to Hex 3BCDA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BCDA2 }
```

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

```
.background{ background-color:#3BCDA2 }
```

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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