

Converting Colors

Hex(3CC7A2)

Have a look what the booklet for
Hex(3CC7A2) contains.

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Color

Hex(3CC7A2)

Conversions

Conversions Part 1

Format	Color
Hex	3CC7A2
RGB	60, 199, 162
RGB Percent	24%, 78%, 64%
CMY	0.7647, 0.2196, 0.3647
CMYK	0.70, 0.00, 0.19, 0.22
HSL	164°, 55%, 51%
HSV	164°, 70%, 78%
XYZ	28.8085, 44.4161, 41.2372
YIQ	153.2210, -70.9670, -40.9750

Conversions

Conversions Part 2

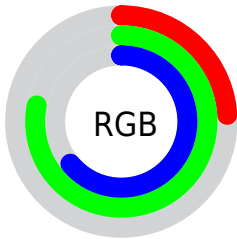
Format	Color
RYB	60, 140, 199
Decimal	3983266
CIELab	72.51, -45.63, 7.89
CIELCh	73, 46.304, 170.183
Yxy	44.4161, 0.2517, 0.3880
Android (android.graphics.Color)	4282173346 (0xFF3CC7A2)
YUV	153.2210, 4.3280, -81.7548
Hunter-Lab	66.6454, -39.4702, 9.9658




Details

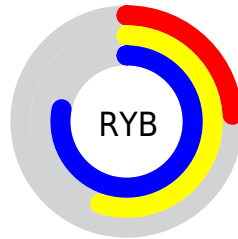
The Hex color **3CC7A2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C73C61**, and the grayscale version is **999999**.




A 20% lighter version of the original color is **7DFFD9**, and **00906E** is the 20% darker color. If you saturate the color by 10%, you get **28C79D**, and if you desaturate by 10%, it is **50C7A7**.

Distribution







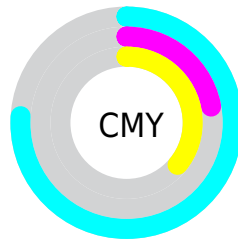
-  Red (24%)
-  Green (78%)
-  Blue (64%)






-  Red (24%)
-  Yellow (55%)
-  Blue (78%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (22%)



-  Cyan (76%)
-  Magenta (22%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC7A2 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 3CC7A2 by changing the saturation by 10% instead.

 3CC7A2

 3CC7A2

FFFFFF

 04AB88

 7DFFD9

 00906E

 9BFFF5

 007656

 B9FFFF

 005C3F

 D7FFFF

 004329

 F5FFFF

 002D14

 001000

 000000

 3CC7A2

 3CC7A2

■ 28C79D

■ 50C7A7

■ 14C797

■ 64C7AD

■ 00C792

■ 78C7B2

■ 8CC7B7

■ A0C7BC

■ B3C7C2

■ C7C7C7

■ DBC7CC

■ EFC7D2

Harmonies

Analogous

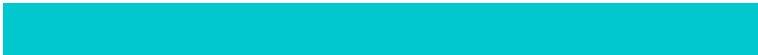
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7FC27A



3CC7A2



00C8CE

Triad

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



3CC7A2



A0ACFF



F69C72

Complementary

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



3CC7A2



C73C61

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.



FF9197



3CC7A2



D99CE9

Square

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



3CC7A2



4DBAFF



FA91C2



D8AB5D

Rectangle

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



3CC7A2



00C6E7



FA91C2



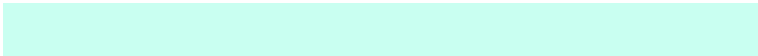
FC977D

Sweetspot

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



3CC7A2



C9FFF1



61C73C



608077



000000



808080

Same Dimension

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



3CC7A2



29FFC6



3CA7C7



5A6361



00A378



00241A

Inverse Universe

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



C73C61



FF2962



C75C3C



635A5C



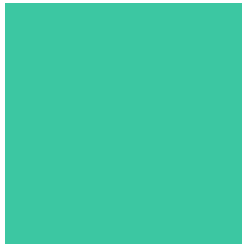
A3002B



24000A

Previews

White Background



This preview shows how the Hex color 3CC7A2 looks on a white background.

Color Contrast Check

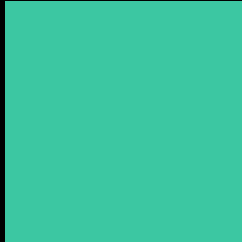
Large Text (above 18pt) WCAG AA × Fail

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 3CC7A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

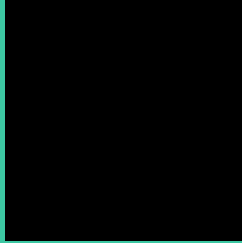
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

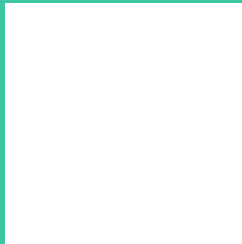
Any Text WCAG AAA ✓ Pass

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

Hex 3CC7A2 Background



This preview shows how black text looks on a background with the Hex color 3CC7A2.

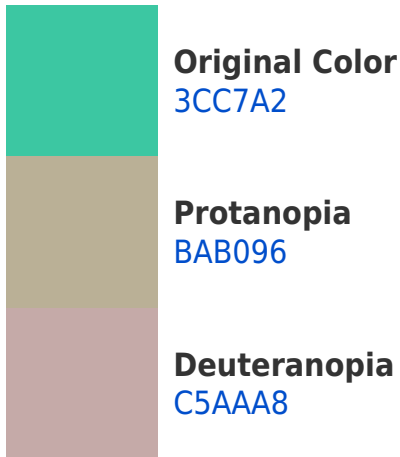


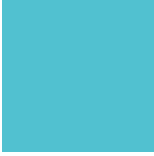
This preview shows how white text looks on a background with the Hex color 3CC7A2.

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
51C1D0

Trichromacy



Original Color
3CC7A2



Protanomaly
8CB89A



Deuteranomaly
93B5A6



Tritanomaly
49C3BF

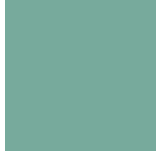
Monochromacy



Original Color
3CC7A2



Achromatopsia
999999



Achromatomaly
77AA9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC7A2 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 #3CC7A2 looks like.

```
.text, #text, p{  
    color:#3CC7A2  
}
```

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 #3CC7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC7A2
}
```

Border

The CSS property to change the border of an element to Hex 3CC7A2 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
#3CC7A2 }
```

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

```
.border{ border-color:#3CC7A2 }
```

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

Here you see how a box with a 4 pixel #3CC7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC7A2; -webkit-box-shadow:4px 4px  
4px 4px #3CC7A2; box-shadow:4px 4px 4px  
4px #3CC7A2 }
```

Background

The CSS property to change the background color of an element to Hex 3CC7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC7A2 }
```

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

```
.background{ background-color:#3CC7A2 }
```

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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