

Converting Colors

Hex(3DCCAA)

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

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Color

Hex(3DCCAA)

Conversions

Conversions Part 1

Format	Color
Hex	3DCCAA
RGB	61, 204, 170
RGB Percent	24%, 80%, 67%
CMY	0.7608, 0.2000, 0.3333
CMYK	0.70, 0.00, 0.17, 0.20
HSL	166°, 58%, 52%
HSV	166°, 70%, 80%
XYZ	30.7730, 47.0801, 45.4957
YIQ	157.3670, -74.3140, -40.8900

Conversions

Conversions Part 2

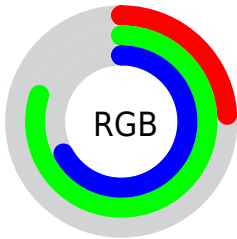
Format	Color
RYB	61, 142, 204
Decimal	4050090
CIELab	74.24, -45.64, 6.07
CIElCh	74, 46.040, 172.427
Yxy	47.0801, 0.2495, 0.3817
Android (android.graphics.Color)	4282240170 (0xFF3DCCAA)
YUV	157.3670, 6.2281, -84.5139
Hunter-Lab	68.6149, -40.0209, 8.7178

Details

The Hex color **3DCCAA** 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 **CC3D5F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7FFFE1**, and **009576** is the 20% darker color. If you saturate the color by 10%, you get **29CCA5**, and if you desaturate by 10%, it is **51CCAF**.

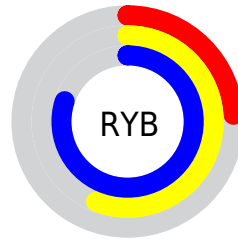
Distribution



Red (24%)

Green (80%)

Blue (67%)



Red (24%)

Yellow (56%)

Blue (80%)

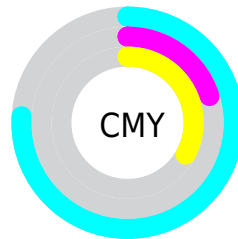


Cyan (70%)

Magenta (0%)

Yellow (17%)

Black (20%)



Cyan (76%)

Magenta (20%)

Yellow (33%)

Brightness & Saturation Gradients

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



3DCCAA



3DCCAA

FFFFFF



03B090



7FFFE1



009576



9DFFFE



007A5D



BBFFFF



006146



D9FFFF



00482F



F8FFFF



00301B



001700



000000



3DCCAA



3DCCAA

■ 29CCA5

■ 51CCAF

■ 14CCA0

■ 66CCB4

■ 00CC9B

■ 7ACCB9

■ 8FCCBD

■ A3CCC2

■ B7CCC7

■ CCCCCC

■ E0CCD1

■ F5CCD6

Harmonies

Analogous

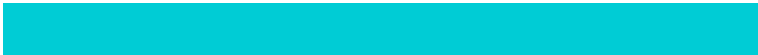
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80C781



3DCCAA



00CCD5

Triad

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



3DCCAA



AAB0FF



F9A175

Complementary

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



3DCCAA



CC3D5F

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.



FF9699



3DCCAA



E1A0EB

Square

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



3DCCAA



5CBEFF



FF95C3



DBB062

Rectangle

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



3DCCAA



00CAEE



FF95C3



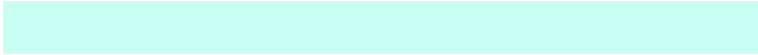
FF9D7F

Sweetspot

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



3DCCAA



C9FFF2



61CC3D



608078



000000



808080

Same Dimension

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



3DCCAA



29FFCC



3DA8CC



5C6664



00A67E



00261D

Inverse Universe

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



CC3D5F



FF295C



CC613D



665C5E



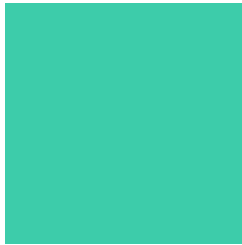
A60027



260009

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

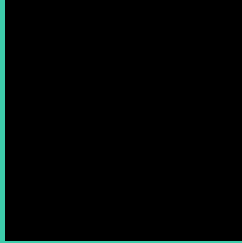
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

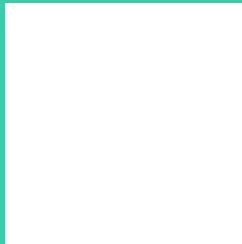
Any Text WCAG AAA ✓ Pass

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

Hex 3DCCAA Background



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

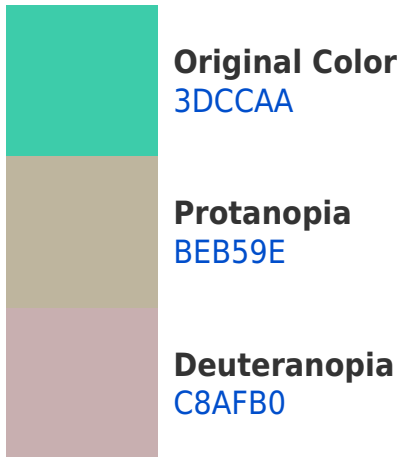


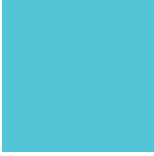
This preview shows how white text looks on a background with the Hex color 3DCCAA.

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
52C6D6

Trichromacy



Original Color
3DCCAA



Protanomaly
8FBDA2



Deuteranomaly
95BAAE



Tritanomaly
4AC8C6

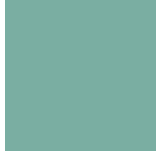
Monochromacy



Original Color
3DCCAA



Achromatopsia
9D9D9D



Achromatomaly
7AAEA2

CSS Examples

Text

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

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

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 #3DCCAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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