

Converting Colors

Hex(3FD0AA)

Have a look what the booklet for
Hex(3FD0AA) contains.

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Color

Hex(3FD0AA)

Conversions

Conversions Part 1

Format	Color
Hex	3FD0AA
RGB	63, 208, 170
RGB Percent	25%, 82%, 67%
CMY	0.7529, 0.1843, 0.3333
CMYK	0.70, 0.00, 0.18, 0.18
HSL	164°, 61%, 53%
HSV	164°, 70%, 82%
XYZ	31.8615, 49.0708, 45.8225
YIQ	160.3130, -74.2220, -42.5580

Conversions

Conversions Part 2

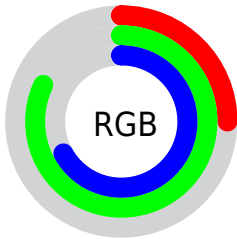
Format	Color
RYB	63, 146, 208
Decimal	4182186
CIELab	75.50, -47.04, 7.87
CIELCh	75, 47.698, 170.499
Yxy	49.0708, 0.2514, 0.3871
Android (android.graphics.Color)	4282372266 (0xFF3FD0AA)
YUV	160.3130, 4.7757, -85.3435
Hunter-Lab	70.0505, -41.4003, 10.2517

Details

The Hex color **3FD0AA** 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 **D03F65**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **80FFE1**, and **009976** is the 20% darker color. If you saturate the color by 10%, you get **2AD0A5**, and if you desaturate by 10%, it is **54D0AF**.

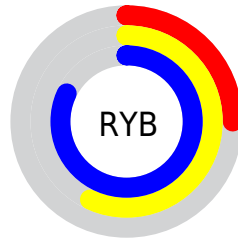
Distribution



Red (25%)

Green (82%)

Blue (67%)



Red (25%)

Yellow (57%)

Blue (82%)

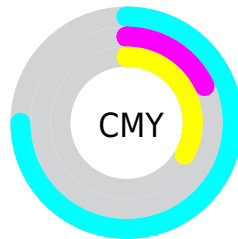


Cyan (70%)

Magenta (0%)

Yellow (18%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FD0AA 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 3FD0AA by changing the saturation by 10% instead.

 3FD0AA

 3FD0AA

FFFFFF

 08B490

 80FFE1

 009976

 9FFFFE

 007E5D

 BDFFFF

 006446

 DBFFF

 004B2F

 FAFFF

 00331A

 001C00

 000000

 3FD0AA

 3FD0AA

 2AD0A5

 54D0AF

 15D09F

 69D0B5

 01D09A

 7DD0BA

 00D099

 92D0C0

 A7D0C5

 BCD0CB

 D1D0D0

 E5D0D6

 FAD0DB

Harmonies

Analogous

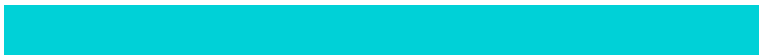
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84CB80



3FD0AA



00D1D7

Triad

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



3FD0AA



A9B4FF



FFA378

Complementary

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



3FD0AA



D03F65

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.



FF989D



3FD0AA



E3A3F2

Square

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



3FD0AA



53C3FF



FF98CA



E2B362

Rectangle

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



3FD0AA



00CEF2



FF98CA



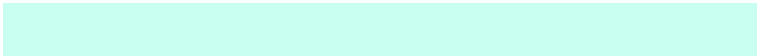
FF9E83

Sweetspot

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



3FD0AA



C9FFF1



66D03F



608077



000000



808080

Same Dimension

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



3FD0AA



29FFC7



3FAED0



5E6966



00A87C



00291E

Inverse Universe

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



D03F65



FF2961



D0613F



695E61



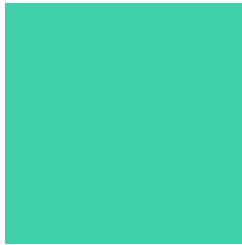
A8002C



29000B

Previews

White Background



This preview shows how the Hex color 3FD0AA 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 3FD0AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

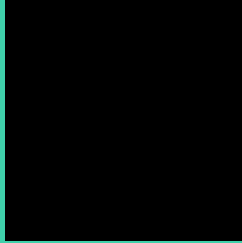
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

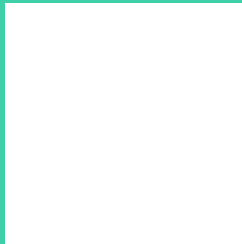
Any Text WCAG AAA ✓ Pass

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

Hex 3FD0AA Background



This preview shows how black text looks on a background with the Hex color 3FD0AA.

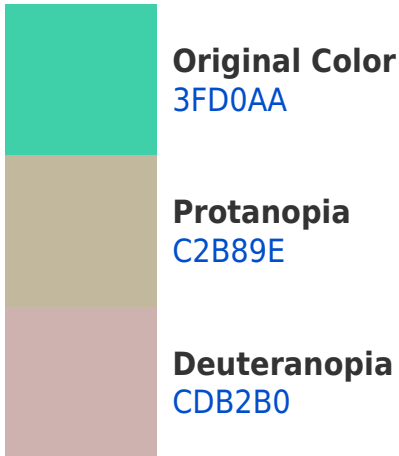


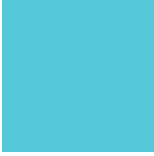
This preview shows how white text looks on a background with the Hex color 3FD0AA.

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
55C9DA

Trichromacy



Original Color
3FD0AA



Protanomaly
92C1A2



Deuteranomaly
99BDAE



Tritanomaly
4DCCC9

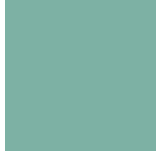
Monochromacy



Original Color
3FD0AA



Achromatopsia
A0A0A0



Achromatomaly
7DB1A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FD0AA 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 #3FD0AA looks like.

```
.text, #text, p{  
    color:#3FD0AA  
}
```

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 #3FD0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD0AA
}
```

Border

The CSS property to change the border of an element to Hex 3FD0AA 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
#3FD0AA }
```

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

```
.border{ border-color:#3FD0AA }
```

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

Here you see how a box with a 4 pixel #3FD0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD0AA; -webkit-box-shadow:4px 4px  
4px 4px #3FD0AA; box-shadow:4px 4px 4px  
4px #3FD0AA }
```

Background

The CSS property to change the background color of an element to Hex 3FD0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD0AA }
```

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

```
.background{ background-color:#3FD0AA }
```

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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