

# Converting Colors

Hex(3FD88D)

Have a look what the booklet for  
Hex(3FD88D) contains.

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**Color**

**Hex(3FD88D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FD88D
RGB	63, 216, 141
RGB Percent	25%, 85%, 55%
CMY	0.7529, 0.1529, 0.4471
CMYK	0.71, 0.00, 0.35, 0.15
HSL	151°, 66%, 55%
HSV	151°, 71%, 85%
XYZ	31.4135, 52.0916, 33.5983
YIQ	161.7030, -67.1130, -55.7610

# Conversions

## Conversions Part 2

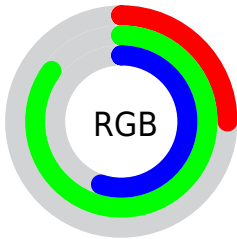
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 164, 216
Decimal	4184205
CIELab	77.34, -56.61, 25.77
CIELCh	77, 62.202, 155.522
Yxy	52.0916, 0.2683, 0.4448
Android (android.graphics.Color)	4282374285 (0xFF3FD88D)
YUV	161.7030, -10.2066, -86.5625
Hunter-Lab	72.1745, -48.6144, 22.9218

# Details

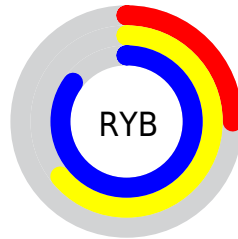
The Hex color **3FD88D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **D83F8A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **81FFC3**, and **00A05A** is the 20% darker color. If you saturate the color by 10%, you get **29D882**, and if you desaturate by 10%, it is **55D898**.

# Distribution



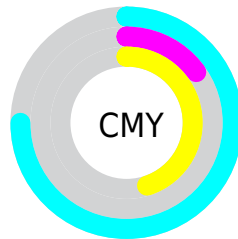
- Red (25%)
- Green (85%)
- Blue (55%)



- Red (25%)
- Yellow (64%)
- Blue (85%)



- Cyan (71%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FD88D 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 3FD88D by changing the saturation by 10% instead.



 3FD88D

 3FD88D

FFFFFF

 05BC73

 81FFC3

 00A05A

 A0FFDF

 008542

 BEFFFC

 006B2B

 DCFFFF

 005114

 FBFFFF

 003900

 002100

 000000

 3FD88D

 3FD88D

 29D882

 55D898

 14D878

 6AD8A2

 00D86E

 80D8AD

 95D8B7

 ABD8C2

 C1D8CD

 D6D8D7

 ECD8E2

 FFD8EC

# Harmonies

## Analogous

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



99CF5C



3FD88D



00DCC8

# Triad

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



3FD88D



63C2FF



FF967F

# Complementary

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



3FD88D



D83F8A

# 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.



FF8CB7



3FD88D



D0ABFF

# Square

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



3FD88D



00D2FF



FF95F0



FFAB55

# Rectangle

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



3FD88D



00DBEF



FF95F0



FF9091

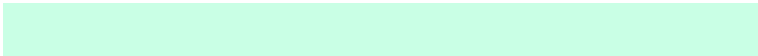


# Sweetspot

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



3FD88D



C9FFE5



8BD83F



608070



000000



808080



# Same Dimension

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



3FD88D



26FF95



3FD8D8



606B66



00AB57



002B16



# Inverse Universe

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



D83F8A



FF2691



D83F3F



6B6066



AB0054



2B0015



# Previews

## White Background



This preview shows how the Hex color 3FD88D looks on a white background.

## Color Contrast Check

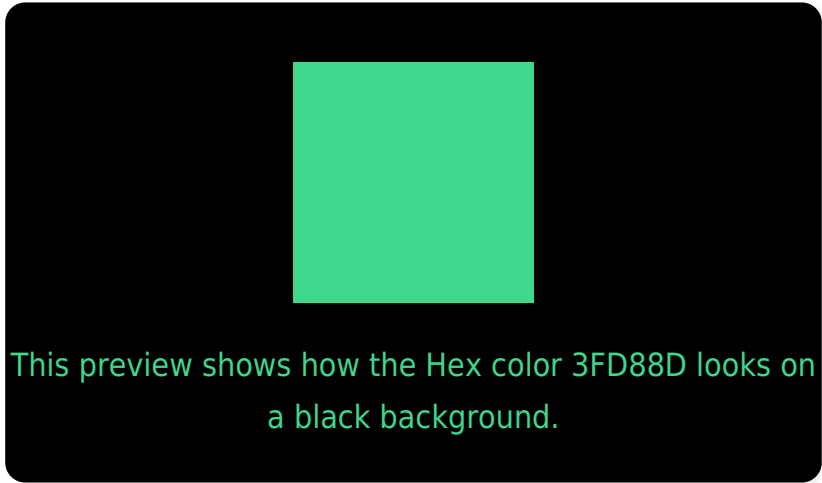
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 3FD88D Background



This preview shows how black text looks on a background with the Hex color 3FD88D.

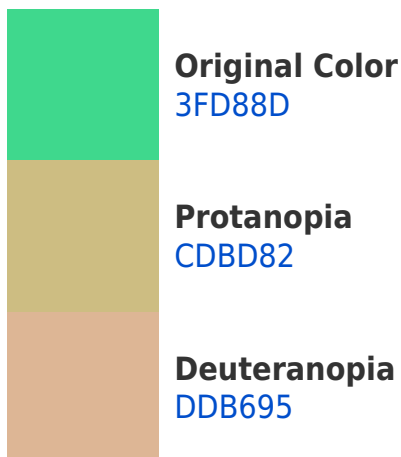


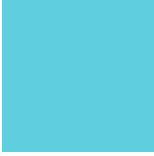
This preview shows how white text looks on a background with the Hex color 3FD88D.

# Color Blindness Simulation

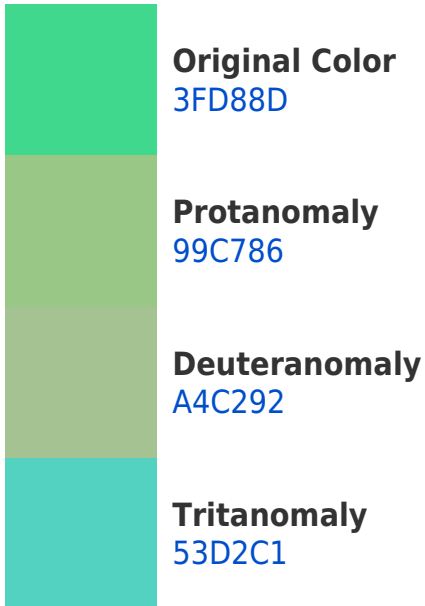
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

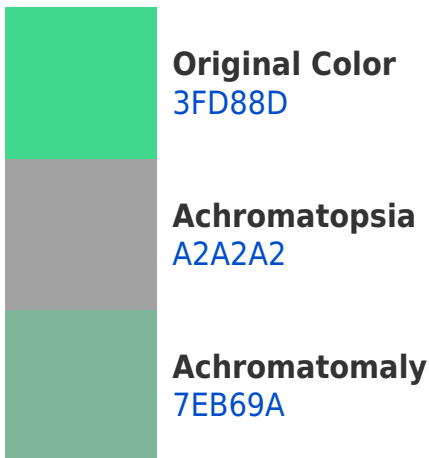




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FD88D 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 #3FD88D looks like.

```
.text, #text, p{  
    color:#3FD88D  
}
```

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 #3FD88D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD88D
}
```

## Border

The CSS property to change the border of an element to Hex 3FD88D 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
#3FD88D }
```

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

```
.border{ border-color:#3FD88D }
```

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

Here you see how a box with a 4 pixel #3FD88D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD88D; -webkit-box-shadow:4px 4px  
4px 4px #3FD88D; box-shadow:4px 4px 4px  
4px #3FD88D }
```

# Background

The CSS property to change the background color of an element to Hex 3FD88D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD88D }
```

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

```
.background{ background-color:#3FD88D }
```

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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