

Converting Colors

Hex(3FD8B7)

Have a look what the booklet for
Hex(3FD8B7) contains.

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Color

Hex(3FD8B7)

Conversions

Conversions Part 1

Format	Color
Hex	3FD8B7
RGB	63, 216, 183
RGB Percent	25%, 85%, 72%
CMY	0.7529, 0.1529, 0.2824
CMYK	0.71, 0.00, 0.15, 0.15
HSL	167°, 66%, 55%
HSV	167°, 71%, 85%
XYZ	35.1530, 53.5874, 53.2904
YIQ	166.4910, -80.5950, -42.6990

Conversions

Conversions Part 2

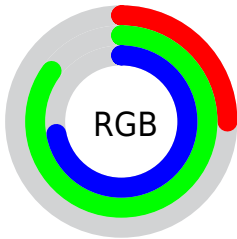
Format	Color
RYB	63, 149, 216
Decimal	4184247
CIELab	78.22, -47.22, 4.84
CIELCh	78, 47.466, 174.153
Yxy	53.5874, 0.2475, 0.3773
Android (android.graphics.Color)	4282374327 (0xFF3FD8B7)
YUV	166.4910, 8.1389, -90.7616
Hunter-Lab	73.2034, -42.3885, 8.0806

Details

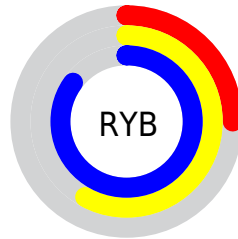
The Hex color **3FD8B7** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D83F60**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **82FFEF**, and **00A082** is the 20% darker color. If you saturate the color by 10%, you get **29D8B2**, and if you desaturate by 10%, it is **55D8BC**.

Distribution



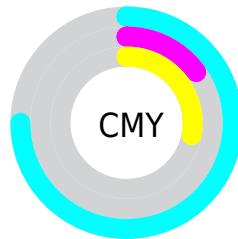
- Red (25%)
- Green (85%)
- Blue (72%)



- Red (25%)
- Yellow (58%)
- Blue (85%)



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



- Cyan (75%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FD8B7 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 3FD8B7 by changing the saturation by 10% instead.

 3FD8B7

 3FD8B7

FFFFFF

 00BC9C

 82FFEF

 00A082

 A1FFFF

 008569

 C0FFFF

 006B51

 DEFFFF

 00523A

 F0FFFF

 003A24

 002410

 000000

 3FD8B7

 3FD8B7

 29D8B2

 55D8BC

 14D8AE

 6AD8C0

 00D8A9

 80D8C5

 95D8CA

 ABD8CE

 C1D8D3

 D6D8D8

 ECD8DC

 FFD8E1

Harmonies

Analogous

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



85D38C



3FD8B7



00D8E4

Triad

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



3FD8B7



B9B9FF



FFAC7B

Complementary

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



3FD8B7



D83F60

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.



FFA0A0



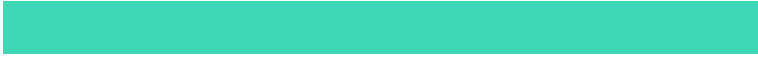
3FD8B7



F0A9F6

Square

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



3FD8B7



6AC9FF



FF9FCC



E5BC69

Rectangle

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



3FD8B7



00D5FE



FF9FCC



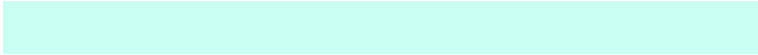
FFA886

Sweetspot

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



3FD8B7



C9FFF3



60D83F



608079



000000



808080

Same Dimension

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



3FD8B7



26FFD0



3FADD8



606B69



00AB86



002B22

Inverse Universe

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



D83F60



FF2655



D86A3F



6B6063



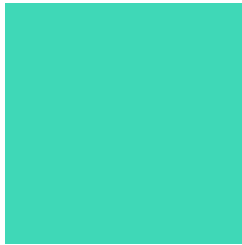
AB0025



2B0009

Previews

White Background



This preview shows how the Hex color 3FD8B7 looks on a white background.

Color Contrast Check

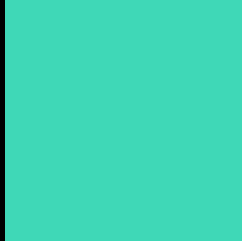
Large Text (above 18pt) WCAG AA × Fail

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 3FD8B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

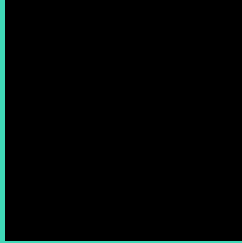
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

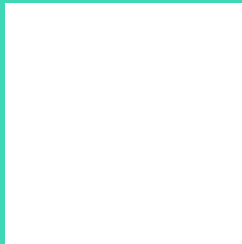
Any Text WCAG AAA ✓ Pass

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

Hex 3FD8B7 Background



This preview shows how black text looks on a background with the Hex color 3FD8B7.

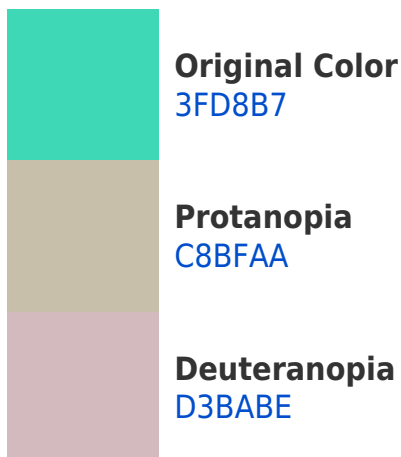


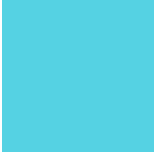
This preview shows how white text looks on a background with the Hex color 3FD8B7.

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
55D2E3

Trichromacy



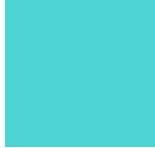
Original Color
3FD8B7



Protanomaly
96C8AF



Deuteranomaly
9DC5BB

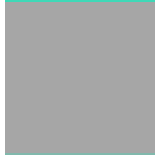


Tritanomaly
4DD4D3

Monochromacy



Original Color
3FD8B7



Achromatopsia
A6A6A6



Achromatomaly
81B8AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FD8B7 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 #3FD8B7 looks like.

```
.text, #text, p{  
    color:#3FD8B7  
}
```

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 #3FD8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD8B7
}
```

Border

The CSS property to change the border of an element to Hex 3FD8B7 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
#3FD8B7 }
```

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

```
.border{ border-color:#3FD8B7 }
```

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

Here you see how a box with a 4 pixel #3FD8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD8B7; -webkit-box-shadow:4px 4px  
4px 4px #3FD8B7; box-shadow:4px 4px 4px  
4px #3FD8B7 }
```

Background

The CSS property to change the background color of an element to Hex 3FD8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD8B7 }
```

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

```
.background{ background-color:#3FD8B7 }
```

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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