

Converting Colors

Hex(3FDDB3)

Have a look what the booklet for
Hex(3FDDB3) contains.

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Color

Hex(3FDBB3)

Conversions

Conversions Part 1

Format	Color
Hex	3FDBB3
RGB	63, 219, 179
RGB Percent	25%, 86%, 70%
CMY	0.7529, 0.1412, 0.2980
CMYK	0.71, 0.00, 0.18, 0.14
HSL	165°, 68%, 55%
HSV	165°, 71%, 86%
XYZ	35.5181, 54.9745, 51.3870
YIQ	167.7960, -80.1360, -45.5120

Conversions

Conversions Part 2

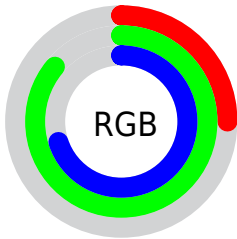
Format	Color
RYB	63, 152, 219
Decimal	4185011
CIELab	79.03, -49.46, 8.12
CIELCh	79, 50.118, 170.670
Yxy	54.9745, 0.2503, 0.3875
Android (android.graphics.Color)	4282375091 (0xFF3FDBB3)
YUV	167.7960, 5.5236, -91.9061
Hunter-Lab	74.1448, -44.2452, 10.8097

Details

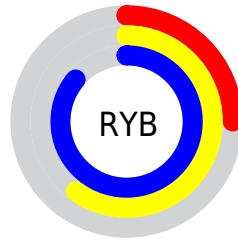
The Hex color **3FDDB3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DB3F67**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **83FFEB**, and **00A37E** is the 20% darker color. If you saturate the color by 10%, you get **29DBAD**, and if you desaturate by 10%, it is **55DBB9**.

Distribution



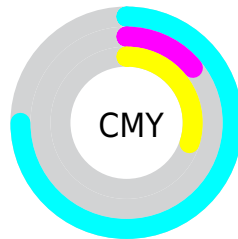
- Red (25%)
- Green (86%)
- Blue (70%)



- Red (25%)
- Yellow (60%)
- Blue (86%)



- Cyan (71%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (75%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FDBB3 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 3FDBB3 by changing the saturation by 10% instead.

 3FDBB3

 3FDBB3

FFFFFF

 00BF98

 83FFEB

 00A37E

 A1FFFF

 008865

 C0FFFF

 006E4D

 DFFFFFF

 005437

FEFFFF

 003C21

 00260B

 000000

 3FDBB3

 3FDBB3

■ 29DBAD

■ 55DBB9

■ 13DBA8

■ 6BDBBE

■ 00DBA3

■ 81DBC4

■ 97DBC9

■ ADDBCF

■ C2DBD5

■ D8DBDA

■ EEDBE0

■ FFDBE6

Harmonies

Analogous

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



8AD587



3FDDB3



00DCE3

Triad

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



3FDBB3



B1BDFE



FFA726

Complementary

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



3FDDB3



DB3F67

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.



FF9FA5



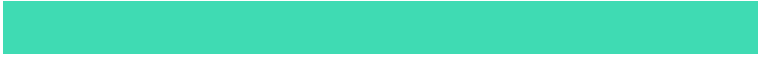
3FDDB3



F0ABFF

Square

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



3FDBB3



55CDFE



FF9FD4



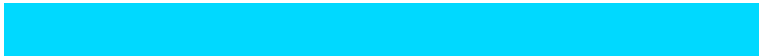
EDBC66

Rectangle

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



3FDBB3



00D9FF



FF9FD4



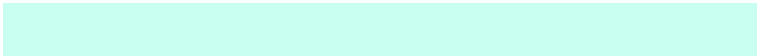
FFA689

Sweetspot

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



3FDBB3



C9FFF1



69DB3F



608077



000000



808080

Same Dimension

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



3FDDB3



26FFC7



3FB7DB



636E6B



00AD81



002E22

Inverse Universe

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



DB3F67



FF265E



DB633F



6E6365



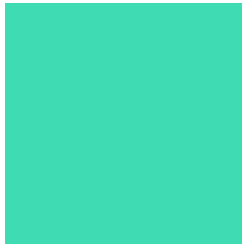
AD002C



2E000C

Previews

White Background



This preview shows how the Hex color 3FDDBB3 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 3FDBB3 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

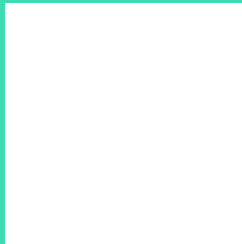
Any Text WCAG AAA ✓ Pass

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

Hex 3FDBB3 Background



This preview shows how black text looks on a background with the Hex color 3FDBB3.



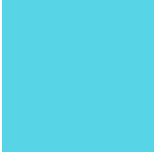
This preview shows how white text looks on a background with the Hex color 3FDBB3.

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
57D4E5

Trichromacy



Original Color
3FDDB3



Protanomaly
99CBAB



Deuteranomaly
A0C7B7

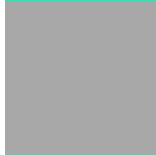


Tritanomaly
4ED7D3

Monochromacy



Original Color
3FDDB3



Achromatopsia
A8A8A8



Achromatomaly
82BBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FDBB3 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 #3FDBB3 looks like.

```
.text, #text, p{  
    color:#3FDBB3  
}
```

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 #3FDBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FDBB3
}
```

Border

The CSS property to change the border of an element to Hex 3FDBB3 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
#3FDBB3 }
```

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

```
.border{ border-color:#3FDBB3 }
```

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

Here you see how a box with a 4 pixel #3FDBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FDBB3; -webkit-box-shadow:4px 4px  
4px 4px #3FDBB3; box-shadow:4px 4px 4px  
4px #3FDBB3 }
```

Background

The CSS property to change the background color of an element to Hex 3FDBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FDBB3 }
```

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

```
.background{ background-color:#3FDBB3 }
```

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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