

Converting Colors

Hex(3FD2B9)

Have a look what the booklet for
Hex(3FD2B9) contains.

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Color

Hex(3FD2B9)

Conversions

Conversions Part 1

Format	Color
Hex	3FD2B9
RGB	63, 210, 185
RGB Percent	25%, 82%, 73%
CMY	0.7529, 0.1765, 0.2745
CMYK	0.70, 0.00, 0.12, 0.18
HSL	170°, 62%, 54%
HSV	170°, 70%, 82%
XYZ	33.8534, 50.6527, 53.8916
YIQ	163.1970, -79.5870, -38.9390

Conversions

Conversions Part 2

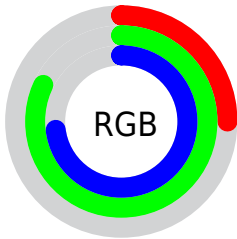
Format	Color
RYB	63, 143, 210
Decimal	4182713
CIELab	76.47, -44.14, 1.22
CIElCh	76, 44.161, 178.412
Yxy	50.6527, 0.2446, 0.3660
Android (android.graphics.Color)	4282372793 (0xFF3FD2B9)
YUV	163.1970, 10.7489, -87.8728
Hunter-Lab	71.1707, -39.6425, 4.9242

Details

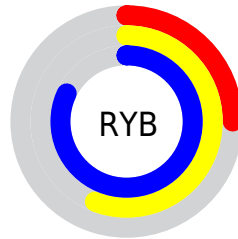
The Hex color **3FD2B9** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **D23F58**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **82FFF1**, and **009B84** is the 20% darker color. If you saturate the color by 10%, you get **2AD2B5**, and if you desaturate by 10%, it is **54D2BD**.

Distribution



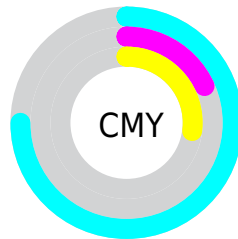
- Red (25%)
- Green (82%)
- Blue (73%)



- Red (25%)
- Yellow (56%)
- Blue (82%)



- Cyan (70%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FD2B9 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 3FD2B9 by changing the saturation by 10% instead.



3FD2B9



3FD2B9

FFFFFF



04B69E



82FFF1



009B84



A0FFFF



00806B



BFFFFFF



006653



DDFFFF



004D3C



FCFFFF



003526



001F12



000000



3FD2B9



3FD2B9

■ 2AD2B5

■ 54D2BD

■ 15D2B2

■ 69D2C0

■ 00D2AE

■ 7ED2C4

■ 93D2C7

■ A8D2CB

■ BDD2CE

■ D2D2D2

■ E7D2D6

■ FCD2D9

Harmonies

Analogous

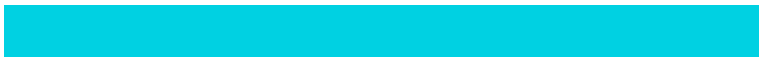
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7ECE90



3FD2B9



00D1E2

Triad

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



3FD2B9



BEB3FF



F9AB78

Complementary

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



3FD2B9



D23F58

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.



FF9F98



3FD2B9



EEA4E8

Square

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



3FD2B9



7AC1FF



FF9CC0



D9B96A

Rectangle

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



3FD2B9



00CEF9



FF9CC0



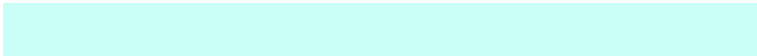
FFA781

Sweetspot

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



3FD2B9



C9FFF6



5AD23F



60807A



000000



808080

Same Dimension

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



3FD2B9



29FFDB



3FA3D2



5E6967



00A88C



002922

Inverse Universe

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



D23F58



FF294D



D26E3F



695E60



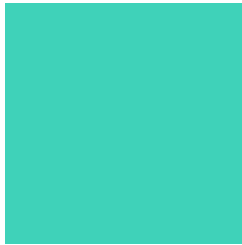
A8001D



290007

Previews

White Background



This preview shows how the Hex color 3FD2B9 looks on a white background.

Color Contrast Check

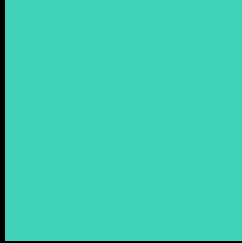
Large Text (above 18pt) WCAG AA × Fail

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 3FD2B9 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

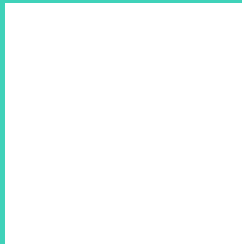
Any Text WCAG AAA ✓ Pass

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

Hex 3FD2B9 Background



This preview shows how black text looks on a background with the Hex color 3FD2B9.



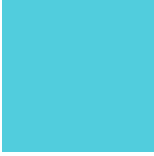
This preview shows how white text looks on a background with the Hex color 3FD2B9.

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
51CDDD

Trichromacy



Original Color
3FD2B9



Protanomaly
92C3B1



Deuteranomaly
98C0BD



Tritanomaly
4ACFD0

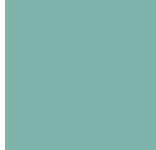
Monochromacy



Original Color
3FD2B9



Achromatopsia
A3A3A3



Achromatomaly
7FB4AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FD2B9 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 #3FD2B9 looks like.

```
.text, #text, p{  
    color:#3FD2B9  
}
```

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 #3FD2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD2B9
}
```

Border

The CSS property to change the border of an element to Hex 3FD2B9 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
#3FD2B9 }
```

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

```
.border{ border-color:#3FD2B9 }
```

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

Here you see how a box with a 4 pixel #3FD2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD2B9; -webkit-box-shadow:4px 4px  
4px 4px #3FD2B9; box-shadow:4px 4px 4px  
4px #3FD2B9 }
```

Background

The CSS property to change the background color of an element to Hex 3FD2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD2B9 }
```

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

```
.background{ background-color:#3FD2B9 }
```

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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