

Converting Colors

Hex(0FD3B6)

Have a look what the booklet for
Hex(0FD3B6) contains.

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Color

Hex(0FD3B6)

Conversions

Conversions Part 1

Format	Color
Hex	0FD3B6
RGB	15, 211, 182
RGB Percent	6%, 83%, 71%
CMY	0.9412, 0.1725, 0.2863
CMYK	0.93, 0.00, 0.14, 0.17
HSL	171°, 87%, 44%
HSV	171°, 93%, 83%
XYZ	31.9348, 50.0675, 52.2368
YIQ	149.0900, -107.5070, -50.5710

Conversions

Conversions Part 2

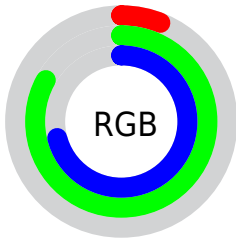
Format	Color
RYB	15, 121, 211
Decimal	1037238
CIELab	76.11, -49.43, 2.24
CIELCh	76, 49.481, 177.401
Yxy	50.0675, 0.2379, 0.3730
Android (android.graphics.Color)	4279227318 (0xFF0FD3B6)
YUV	149.0900, 16.2246, -117.5969
Hunter-Lab	70.7584, -43.2663, 5.7605

Details

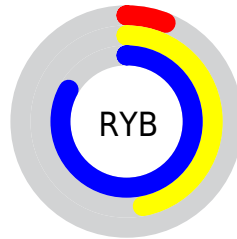
The Hex color **0FD3B6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D30F2C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6CFFEE**, and **009B81** is the 20% darker color. If you saturate the color by 10%, you get **00D3B4**, and if you desaturate by 10%, it is **24D3B9**.

Distribution



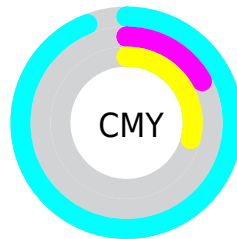
- Red (6%)
- Green (83%)
- Blue (71%)



- Red (6%)
- Yellow (47%)
- Blue (83%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (17%)



- Cyan (94%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FD3B6 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 0FD3B6 by changing the saturation by 10% instead.

 0FD3B6

 0FD3B6

FFFFFF

 00B79B

 6CFFEE

 009B81

 8DFFFF

 008168

 ADFFFF

 006650

 CCFFFF

 004D39

 EBFFFF

 003524

 001E0F

 000000

 0FD3B6

 0FD3B6

 00D3B4

 24D3B9

 39D3BC

 4ED3BF

 63D3C2

 79D3C6

 8ED3C9

 A3D3CC

 B8D3CF

 CDD3D2

Harmonies

Analogous

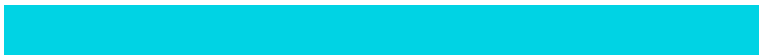
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75CF89



0FD3B6



00D3E4

Triad

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



0FD3B6



B9B1FF



FEA770

Complementary

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



0FD3B6



D30F2C

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.



FF9A94



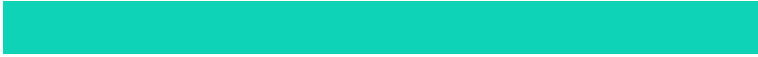
0FD3B6



F1A0EE

Square

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



0FD3B6



66C2FF



FF96C2



DBB85E

Rectangle

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



0FD3B6



00CFFE



FF96C2



FFA27A

Sweetspot

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



0FD3B6



B8FFF4



2CD30F



548079



000000



808080

Same Dimension

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



0FD3B6



00FFD9



0F8ED3



5E6967



00A88F



002923

Inverse Universe

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



D30F2C



FF0026



D3540F



695E60



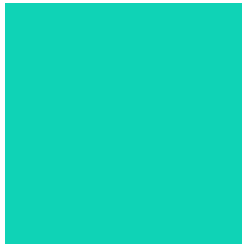
A80019



290006

Previews

White Background



This preview shows how the Hex color 0FD3B6 looks on a white background.

Color Contrast Check

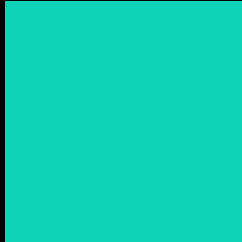
Large Text (above 18pt) WCAG AA × Fail

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 0FD3B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

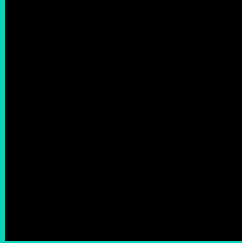
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

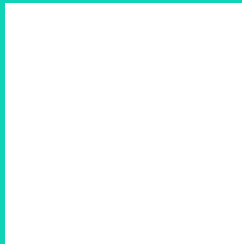
Any Text WCAG AAA ✓ Pass

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

Hex 0FD3B6 Background



This preview shows how black text looks on a background with the Hex color 0FD3B6.



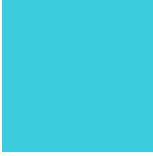
This preview shows how white text looks on a background with the Hex color 0FD3B6.

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
3BCDDE

Trichromacy



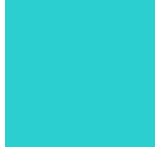
Original Color
0FD3B6



Protanomaly
81C2AD



Deuteranomaly
87BFBA



Tritanomaly
2BCFCF

Monochromacy



Original Color
0FD3B6



Achromatopsia
959595



Achromatomaly
64ACA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FD3B6 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 #0FD3B6 looks like.

```
.text, #text, p{  
    color:#0FD3B6  
}
```

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 #0FD3B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FD3B6
}
```

Border

The CSS property to change the border of an element to Hex 0FD3B6 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
#0FD3B6 }
```

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

```
.border{ border-color:#0FD3B6 }
```

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

Here you see how a box with a 4 pixel #0FD3B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FD3B6; -webkit-box-shadow:4px 4px  
4px 4px #0FD3B6; box-shadow:4px 4px 4px  
4px #0FD3B6 }
```

Background

The CSS property to change the background color of an element to Hex 0FD3B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FD3B6 }
```

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

```
.background{ background-color:#0FD3B6 }
```

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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