

# Converting Colors

Hex(0FD5B9)

Have a look what the booklet for  
Hex(0FD5B9) contains.

<b>Hex(0FD5B9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(0FD5B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FD5B9
RGB	15, 213, 185
RGB Percent	6%, 84%, 73%
CMY	0.9412, 0.1647, 0.2745
CMYK	0.93, 0.00, 0.13, 0.16
HSL	172°, 87%, 45%
HSV	172°, 93%, 84%
XYZ	32.7482, 51.1928, 54.0541
YIQ	150.6060, -109.0200, -50.6840

# Conversions

## Conversions Part 2

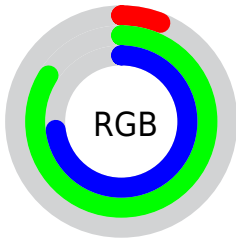
Format	Color
<a href="#">RYB</a>	<a href="#">15, 122, 213</a>
Decimal	<a href="#">1037753</a>
CIELab	<a href="#">76.80, -49.46, 1.63</a>
CIElCh	<a href="#">77, 49.483, 178.112</a>
Yxy	<a href="#">51.1928, 0.2373, 0.3710</a>
Android (android.graphics.Color)	<a href="#">4279227833 (0xFF0FD5B9)</a>
YUV	<a href="#">150.6060, 16.9562, -118.9265</a>
Hunter-Lab	<a href="#">71.5492, -43.5112, 5.2919</a>

# Details

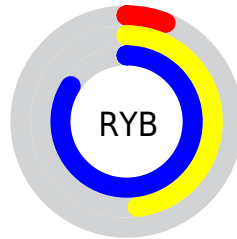
The Hex color **0FD5B9** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D50F2B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6DFFF1**, and **009D84** is the 20% darker color. If you saturate the color by 10%, you get **00D5B7**, and if you desaturate by 10%, it is **24D5BC**.

# Distribution



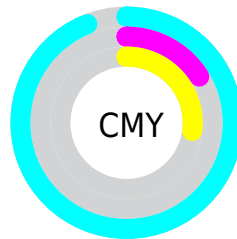
- Red (6%)
- Green (84%)
- Blue (73%)



- Red (6%)
- Yellow (48%)
- Blue (84%)



- Cyan (93%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (94%)
- Magenta (16%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FD5B9 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 0FD5B9 by changing the saturation by 10% instead.



 0FD5B9

 0FD5B9

FFFFFF

 00B99E

 6DFFF1

 009D84

 8EFFFF

 00826B

 ADFFFF

 006853

 CDFFFF

 004F3C

 ECFFFF

 003726

 002012

 000000

 0FD5B9

 0FD5B9

 00D5B7

 24D5BC

 3AD5BF

 4FD5C2

 64D5C5

 7AD5C8

 8FD5CB

 A4D5CE

 B9D5D1

 CFD5D4

# Harmonies

## Analogous

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



76D18B



0FD5B9



00D4E7

# Triad

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



0FD5B9



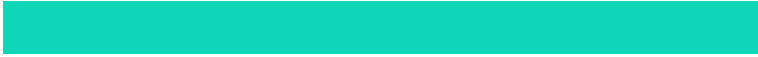
BDB3FF



FFAA71

# Complementary

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



0FD5B9



D50F2B

# 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.



FF9C95



0FD5B9



F4A2EF

# Square

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



0FD5B9



6BC3FF



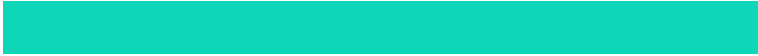
FF98C2



DCBA60

# Rectangle

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



0FD5B9



00D1FF



FF98C2



FFA47B

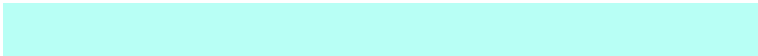


# Sweetspot

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



0FD5B9



B8FFF5



2DD50F



548079



000000



808080



# Same Dimension

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



0FD5B9



00FFDB



0F90D5



606B6A



00AB93



002B25



# Inverse Universe

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



D50F2B



FF0024



D5540F



6B6062



AB0018

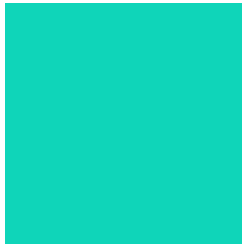


2B0006



# Previews

## White Background



This preview shows how the Hex color 0FD5B9 looks on a white background.

## Color Contrast Check

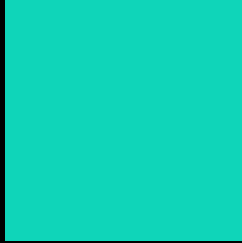
Large Text (above 18pt) WCAG AA × Fail

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 0FD5B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

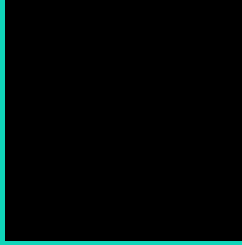
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

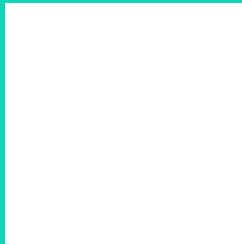
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0FD5B9 Background



This preview shows how black text looks on a background with the Hex color 0FD5B9.



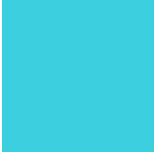
This preview shows how white text looks on a background with the Hex color 0FD5B9.

# 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



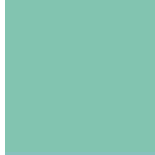


**Tritanopia**  
3BCFE0

# Trichromacy



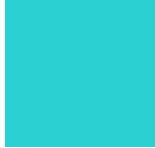
**Original Color**  
0FD5B9



**Protanomaly**  
82C4B0



**Deuteranomaly**  
87C1BD



**Tritanomaly**  
2BD1D2

# Monochromacy



**Original Color**  
0FD5B9



**Achromatopsia**  
979797



**Achromatomaly**  
66AEA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FD5B9 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 #0FD5B9 looks like.

```
.text, #text, p{  
    color:#0FD5B9  
}
```

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 #0FD5B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FD5B9
}
```

## Border

The CSS property to change the border of an element to Hex 0FD5B9 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
#0FD5B9 }
```

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

```
.border{ border-color:#0FD5B9 }
```

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

Here you see how a box with a 4 pixel #0FD5B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FD5B9; -webkit-box-shadow:4px 4px  
4px 4px #0FD5B9; box-shadow:4px 4px 4px  
4px #0FD5B9 }
```

# Background

The CSS property to change the background color of an element to Hex 0FD5B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FD5B9 }
```

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

```
.background{ background-color:#0FD5B9 }
```

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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