

# Converting Colors

Hex(00F0BD)

Have a look what the booklet for  
Hex(00F0BD) contains.

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**Color**

**Hex(00F0BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F0BD
RGB	0, 240, 189
RGB Percent	0%, 94%, 74%
CMY	1.0000, 0.0588, 0.2588
CMYK	1.00, 0.00, 0.21, 0.06
HSL	167°, 100%, 47%
HSV	167°, 100%, 94%
XYZ	40.3454, 65.9943, 58.7559
YIQ	162.4260, -126.6690, -66.7410

# Conversions

## Conversions Part 2

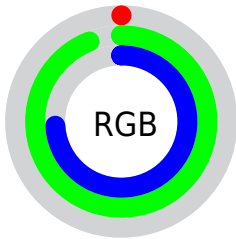
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 134, 240</a>
Decimal	<a href="#">61629</a>
CIELab	<a href="#">84.99, -59.55, 11.30</a>
CIELCh	<a href="#">85, 60.610, 169.255</a>
Yxy	<a href="#">65.9943, 0.2444, 0.3997</a>
Android (android.graphics.Color)	<a href="#">4278251709 (0xFF00F0BD)</a>
YUV	<a href="#">162.4260, 13.1010, -142.4476</a>
Hunter-Lab	<a href="#">81.2369, -53.5145, 13.9834</a>

# Details

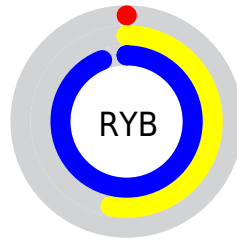
The Hex color **00F0BD** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F00033**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **71FFF5**, and **00B788** is the 20% darker color. If you saturate the color by 10%, you get **00F0BD**, and if you desaturate by 10%, it is **18F0C2**.

# Distribution



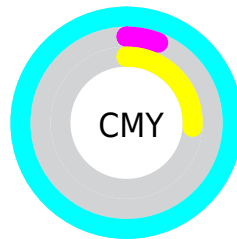
- Red (0%)
- Green (94%)
- Blue (74%)



- Red (0%)
- Yellow (53%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F0BD 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 00F0BD by changing the saturation by 10% instead.



 00F0BD

 00F0BD

FFFFFF

 00D3A2

 71FFF5

 00B788

 93FFFF

 009B6E

 B4FFFF

 008056

 D4FFFF

 00663F

 F3FFFF

 004C29

 003514

 001A00

 000000

 00F0BD

 18F0C2

 30F0C7

 48F0CC

 60F0D1

 78F0D6

 90F0DC

 A8F0E1

 C0F0E6

 D8F0EB

# Harmonies

## Analogous

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



8FE987



00F0BD



00F1F8

# Triad

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



00F0BD



B7CDFF



FFB57F

# Complementary

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



00F0BD



F00033

# 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.



FFA5B2



00F0BD



FFB7FF

# Square

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



00F0BD



00E0FF



FFA6EB



FFCA61

# Rectangle

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



00F0BD



00EFFF



FFA6EB



FFAE8F

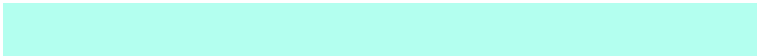


# Sweetspot

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



00F0BD



B3FFEF



34F000



528076



000000



808080



# Same Dimension

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



00F0BD



00FFC9



00ACF0



6C7875



00B891



00382C



# Inverse Universe

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



F00033



FF0036



F04400



786C6E



B80027

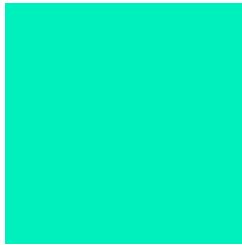


38000C



# Previews

## White Background



This preview shows how the Hex color 00F0BD looks on a white background.

## Color Contrast Check

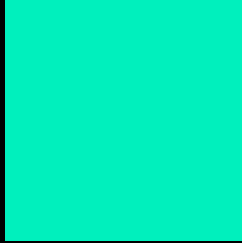
Large Text (above 18pt) WCAG AA × Fail

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 00F0BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

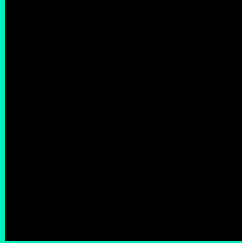
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00F0BD Background



This preview shows how black text looks on a background with the Hex color 00F0BD.



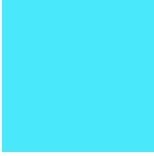
This preview shows how white text looks on a background with the Hex color 00F0BD.

# 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](#).

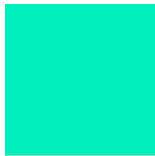
## Dichromacy



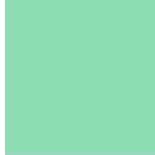


**Tritanopia**  
4AE8FB

# Trichromacy



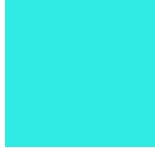
**Original Color**  
00F0BD



**Protanomaly**  
8DDDB3



**Deuteranomaly**  
96D8C2



**Tritanomaly**  
2FEBE4

# Monochromacy



**Original Color**  
00F0BD



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
67BEAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F0BD 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 #00F0BD looks like.

```
.text, #text, p{  
    color:#00F0BD  
}
```

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 #00F0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F0BD
}
```

## Border

The CSS property to change the border of an element to Hex 00F0BD 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
#00F0BD }
```

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

```
.border{ border-color:#00F0BD }
```

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

Here you see how a box with a 4 pixel #00F0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F0BD; -webkit-box-shadow:4px 4px  
4px 4px #00F0BD; box-shadow:4px 4px 4px  
4px #00F0BD }
```

# Background

The CSS property to change the background color of an element to Hex 00F0BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F0BD }
```

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

```
.background{ background-color:#00F0BD }
```

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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