

Converting Colors

Hex(05F8BF)

Have a look what the booklet for
Hex(05F8BF) contains.

Hex(05F8BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05F8BF)

Conversions

Conversions Part 1

Format	Color
Hex	05F8BF
RGB	5, 248, 191
RGB Percent	2%, 97%, 75%
CMY	0.9804, 0.0275, 0.2510
CMYK	0.98, 0.00, 0.23, 0.03
HSL	166°, 96%, 50%
HSV	166°, 98%, 97%
XYZ	43.0340, 70.9287, 60.7127
YIQ	168.8450, -126.5310, -69.2430

Conversions

Conversions Part 2

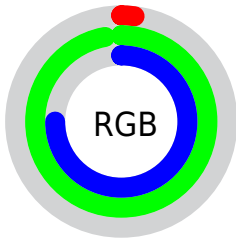
Format	Color
RYB	5, 143, 248
Decimal	391359
CIELab	87.45, -61.97, 13.75
CIELCh	87, 63.475, 167.492
Yxy	70.9287, 0.2464, 0.4061
Android (android.graphics.Color)	4278581439 (0xFF05F8BF)
YUV	168.8450, 10.9224, -143.6921
Hunter-Lab	84.2192, -56.1743, 16.2119

Details

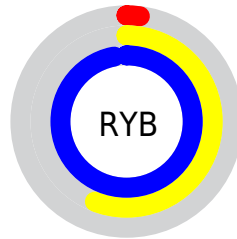
The Hex color **05F8BF** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F8053E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **73FFF7**, and **00BE8A** is the 20% darker color. If you saturate the color by 10%, you get **00F8BE**, and if you desaturate by 10%, it is **1EF8C5**.

Distribution



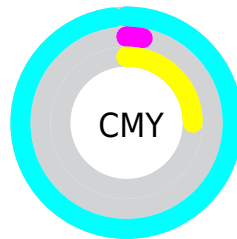
- Red (2%)
- Green (97%)
- Blue (75%)



- Red (2%)
- Yellow (56%)
- Blue (97%)



- Cyan (98%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (98%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05F8BF 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 05F8BF by changing the saturation by 10% instead.

 05F8BF

 05F8BF

FFFFFF

 00DBA4

 73FFF7

 00BE8A

 96FFFF

 00A270

 B7FFFF

 008758

 D7FFFF

 006C40

 F7FFFF

 00522A

 003A15

 002100

 000000

 05F8BF

 05F8BF

 00F8BE

 1EF8C5

 37F8CB

 4FF8D0

 68F8D6

 81F8DC

 9AF8E2

 B3F8E8

 CBF8EE

 E4F8F3

Harmonies

Analogous

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



97F186



05F8BF



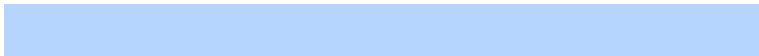
00FAFE

Triad

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



05F8BF



B5D5FF



FFB984

Complementary

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



05F8BF



F8053E

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.



FFA9BA



05F8BF



FFBDFF

Square

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



05F8BF



00E9FF



FFABF7



FFCF62

Rectangle

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



05F8BF



00F7FF



FFABF7



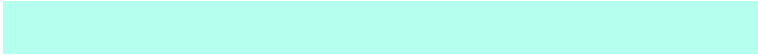
FFB295

Sweetspot

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



05F8BF



B5FFEE



42F805



538075



000000



808080

Same Dimension

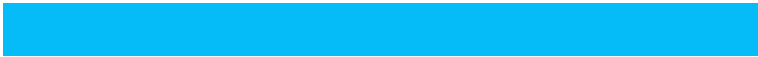
The Same Dimension uses a secret algorithm to generate beautiful new colors.



05F8BF



00FFC3



05BBF8



707D7A



00BD90



003D2F

Inverse Universe

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



F8053E



FF003C



F84205



7D7073



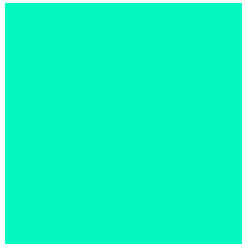
BD002C



3D000E

Previews

White Background



This preview shows how the Hex color 05F8BF looks on a white background.

Color Contrast Check

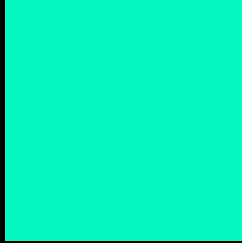
Large Text (above 18pt) WCAG AA × Fail

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 05F8BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

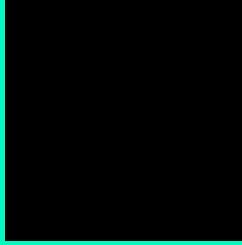
Any Text WCAG AA ✓ Pass

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 05F8BF Background



This preview shows how black text looks on a background with the Hex color 05F8BF.

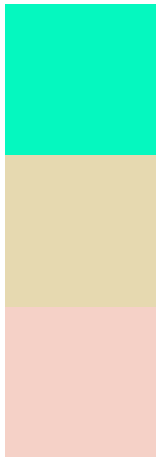


This preview shows how white text looks on a background with the Hex color 05F8BF.

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



Original Color
05F8BF

Protanopia
E6D9B0

Deuteranopia
F5D1C7



Tritanopia
65EDFF

Trichromacy



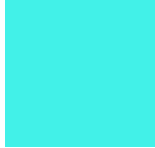
Original Color
05F8BF



Protanomaly
94E4B5



Deuteranomaly
9EDFC4

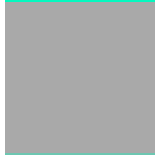


Tritanomaly
42F1E8

Monochromacy



Original Color
05F8BF



Achromatopsia
A9A9A9



Achromatomaly
6DC6B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 05F8BF 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 #05F8BF looks like.

```
.text, #text, p{  
    color:#05F8BF  
}
```

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 #05F8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05F8BF
}
```

Border

The CSS property to change the border of an element to Hex 05F8BF 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
#05F8BF }
```

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

```
.border{ border-color:#05F8BF }
```

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

Here you see how a box with a 4 pixel #05F8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05F8BF; -webkit-box-shadow:4px 4px  
4px 4px #05F8BF; box-shadow:4px 4px 4px  
4px #05F8BF }
```

Background

The CSS property to change the background color of an element to Hex 05F8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05F8BF }
```

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

```
.background{ background-color:#05F8BF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor