

Converting Colors

Hex(00F8B2)

Have a look what the booklet for
Hex(00F8B2) contains.

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Color

Hex(00F8B2)

Conversions

Conversions Part 1

Format	Color
Hex	00F8B2
RGB	0, 248, 178
RGB Percent	0%, 97%, 70%
CMY	1.0000, 0.0275, 0.3020
CMYK	1.00, 0.00, 0.28, 0.03
HSL	163°, 100%, 49%
HSV	163°, 100%, 97%
XYZ	41.6033, 70.3492, 53.5055
YIQ	165.8680, -125.3380, -74.3460

Conversions

Conversions Part 2

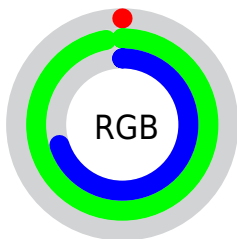
Format	Color
RYB	0, 144, 248
Decimal	63666
CIELab	87.17, -65.05, 20.05
CIELCh	87, 68.074, 162.870
Yxy	70.3492, 0.2514, 0.4252
Android (android.graphics.Color)	4278253746 (0xFF00F8B2)
YUV	165.8680, 5.9811, -145.4662
Hunter-Lab	83.8744, -58.2408, 20.8896

Details

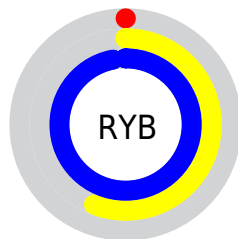
The Hex color **00F8B2** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F80046**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFEA**, and **00BE7D** is the 20% darker color. If you saturate the color by 10%, you get **00F8B2**, and if you desaturate by 10%, it is **19F8B9**.

Distribution



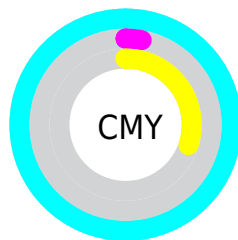
- Red (0%)
- Green (97%)
- Blue (70%)



- Red (0%)
- Yellow (56%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F8B2 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 00F8B2 by changing the saturation by 10% instead.

 00F8B2

 00F8B2

FFFFFF

 00DB97

 72FFEA

 00BE7D

 94FFFF

 00A264

 B5FFFF

 00874C

 D6FFFF

 006C35

 F6FFFF

 00521F

 003A08

 002100

 000000

 00F8B2

 19F8B9

 32F8C0

 4AF8C7

 63F8CE

 7CF8D5

 95F8DC

 AEF8E3

 C6F8EA

 DFF8F1

Harmonies

Analogous

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



9CEF77



00F8B2



00FBF5

Triad

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



00F8B2



9BD8FF



FFB185

Complementary

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



00F8B2



F80046

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.



FFA2C1



00F8B2



FFBEFF

Square

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



00F8B2



00ECFF



FFA7FF



FFCA5B

Rectangle

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



00F8B2



00F9FF



FFA7FF



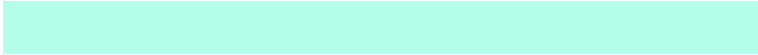
FFAA98

Sweetspot

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



00F8B2



B3FFE9



46F800



528073



000000



808080

Same Dimension

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



00F8B2



00FFB7



00C2F8



707D79



00BD87



003D2C

Inverse Universe

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



F80046



FF0048



F83600



7D7074



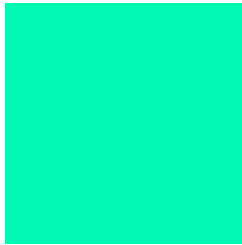
BD0035



3D0011

Previews

White Background



This preview shows how the Hex color 00F8B2 looks on a white background.

Color Contrast Check

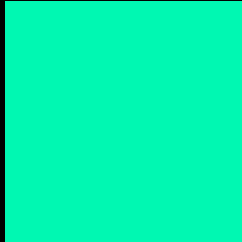
Large Text (above 18pt) WCAG AA × Fail

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 00F8B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

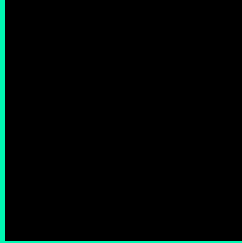
Any Text WCAG AA ✓ Pass

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 00F8B2 Background



This preview shows how black text looks on a background with the Hex color 00F8B2.

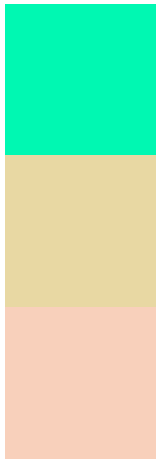


This preview shows how white text looks on a background with the Hex color 00F8B2.

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](#).

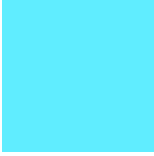
Dichromacy



Original Color
00F8B2

Protanopia
E8D8A3

Deuteranopia
F8D0BB



Tritanopia
60EDFF

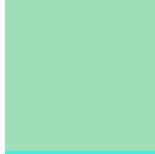
Trichromacy



Original Color
00F8B2



Protanomaly
94E4A8

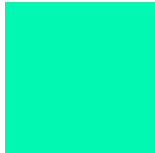


Deuteranomaly
9EDFB8



Tritanomaly
3DF1E3

Monochromacy



Original Color
00F8B2



Achromatopsia
A6A6A6



Achromatomaly
6AC4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F8B2 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 #00F8B2 looks like.

```
.text, #text, p{  
    color:#00F8B2  
}
```

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 #00F8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F8B2
}
```

Border

The CSS property to change the border of an element to Hex 00F8B2 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
#00F8B2 }
```

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

```
.border{ border-color:#00F8B2 }
```

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

Here you see how a box with a 4 pixel #00F8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F8B2; -webkit-box-shadow:4px 4px  
4px 4px #00F8B2; box-shadow:4px 4px 4px  
4px #00F8B2 }
```

Background

The CSS property to change the background color of an element to Hex 00F8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F8B2 }
```

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

```
.background{ background-color:#00F8B2 }
```

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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