

Converting Colors

Hex(00F2B1)

Have a look what the booklet for
Hex(00F2B1) contains.

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Color

Hex(00F2B1)

Conversions

Conversions Part 1

Format	Color
Hex	00F2B1
RGB	0, 242, 177
RGB Percent	0%, 95%, 69%
CMY	1.0000, 0.0510, 0.3059
CMYK	1.00, 0.00, 0.27, 0.05
HSL	164°, 100%, 47%
HSV	164°, 100%, 95%
XYZ	39.6879, 66.6786, 52.3735
YIQ	162.2320, -123.3670, -71.5190

Conversions

Conversions Part 2

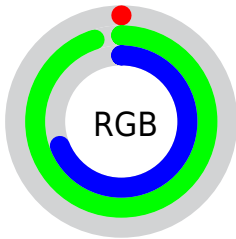
Format	Color
RYB	0, 140, 242
Decimal	62129
CIELab	85.34, -63.10, 18.02
CIELCh	85, 65.622, 164.060
Yxy	66.6786, 0.2500, 0.4200
Android (android.graphics.Color)	4278252209 (0xFF00F2B1)
YUV	162.2320, 7.2806, -142.2775
Hunter-Lab	81.6570, -56.1429, 19.1322

Details

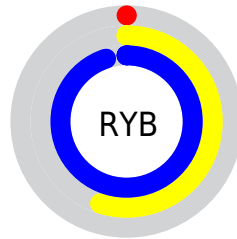
The Hex color **00F2B1** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F20041**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **70FFE9**, and **00B87C** is the 20% darker color. If you saturate the color by 10%, you get **00F2B1**, and if you desaturate by 10%, it is **18F2B8**.

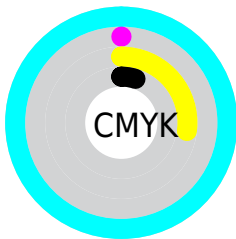
Distribution



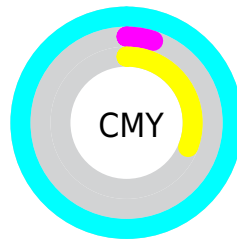
- Red (0%)
- Green (95%)
- Blue (69%)



- Red (0%)
- Yellow (55%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F2B1 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 00F2B1 by changing the saturation by 10% instead.

 00F2B1

FFFFFF

 70FFE9

 93FFFF

 B3FFFF

 D3FFFF

 F3FFFF

 00F2B1

 00D596

 00B87C

 009D63

 00814B

 006734

 004D1E

 003607

 001B00

 000000


 00F2B1

 18F2B8

 30F2BE

 49F2C5

 61F2CB

 79F2D2

 91F2D8

 A9F2DE

 C2F2E5

 DAF2EB

Harmonies

Analogous

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



97EA78



00F2B1



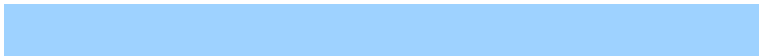
00F4F1

Triad

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



00F2B1



9ED2FF



FFAF82

Complementary

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



00F2B1



F20041

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.



FFA0BA



00F2B1



FFB9FF

Square

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



00F2B1



00E5FF



FFA4F9



FFC65B

Rectangle

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



00F2B1



00F2FF



FFA4F9



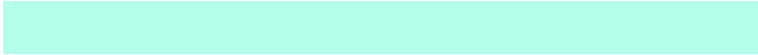
FFA893

Sweetspot

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



00F2B1



B3FFEA



45F200



528073



000000



808080

Same Dimension

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



00F2B1



00FFBB



00BEF2



6C7875



00B886



003829

Inverse Universe

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



F20041



FF0044



F23400



786C6F



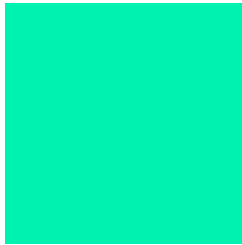
B80031



38000F

Previews

White Background



This preview shows how the Hex color 00F2B1 looks on a white background.

Color Contrast Check

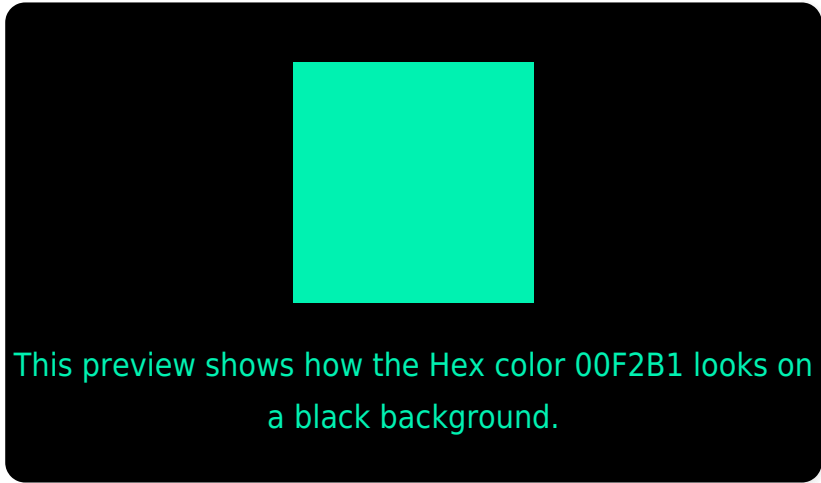
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

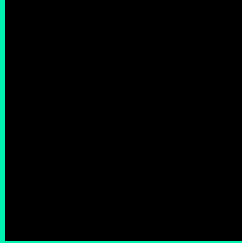
Any Text WCAG AA ✓ Pass

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 00F2B1 Background



This preview shows how black text looks on a background with the Hex color 00F2B1.

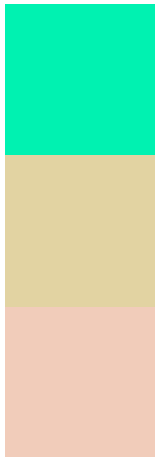


This preview shows how white text looks on a background with the Hex color 00F2B1.

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](#).

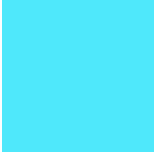
Dichromacy



Original Color
00F2B1

Protanopia
E2D3A2

Deuteranopia
F1CCBA

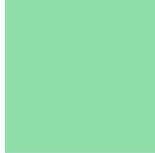


Tritanopia
4FE8FB

Trichromacy



Original Color
00F2B1



Protanomaly
90DEA7



Deuteranomaly
99DAB7



Tritanomaly
32ECE0

Monochromacy



Original Color
00F2B1



Achromatopsia
A2A2A2



Achromatomaly
67BFA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F2B1 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 #00F2B1 looks like.

```
.text, #text, p{  
    color:#00F2B1  
}
```

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 #00F2B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F2B1
}
```

Border

The CSS property to change the border of an element to Hex 00F2B1 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
#00F2B1 }
```

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

```
.border{ border-color:#00F2B1 }
```

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

Here you see how a box with a 4 pixel #00F2B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F2B1; -webkit-box-shadow:4px 4px  
4px 4px #00F2B1; box-shadow:4px 4px 4px  
4px #00F2B1 }
```

Background

The CSS property to change the background color of an element to Hex 00F2B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F2B1 }
```

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

```
.background{ background-color:#00F2B1 }
```

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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