

Converting Colors

Hex(09F6B2)

Have a look what the booklet for
Hex(09F6B2) contains.

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Color

Hex(09F6B2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 09F6B2 |
| RGB | 9, 246, 178 |
| RGB Percent | 4%, 96%, 70% |
| CMY | 0.9647, 0.0353, 0.3020 |
| CMYK | 0.96, 0.00, 0.28, 0.04 |
| HSL | 163°, 93%, 50% |
| HSV | 163°, 96%, 96% |
| XYZ | 41.1043, 69.1840, 53.3069 |
| YIQ | 167.3850, -119.4240, -71.3920 |

Conversions

Conversions Part 2

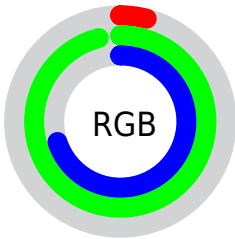
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 9, 147, 246 |
| Decimal | 652978 |
| CIELab | 86.60, -64.11, 19.26 |
| CIELCh | 87, 66.939, 163.280 |
| Yxy | 69.1840, 0.2513, 0.4229 |
| Android (android.graphics.Color) | 4278843058 (0xFF09F6B2) |
| YUV | 167.3850, 5.2332, -138.9036 |
| Hunter-Lab | 83.1769, -57.3486, 20.2257 |

Details

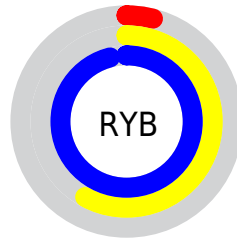
The Hex color **09F6B2** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F6094D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFEA**, and **00BC7D** is the 20% darker color. If you saturate the color by 10%, you get **00F6AF**, and if you desaturate by 10%, it is **22F6B9**.

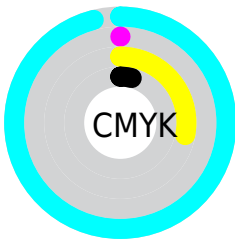
Distribution



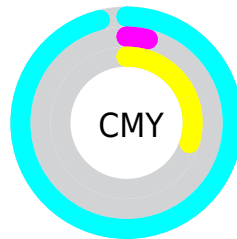
- Red (4%)
- Green (96%)
- Blue (70%)



- Red (4%)
- Yellow (58%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09F6B2 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 09F6B2 by changing the saturation by 10% instead.

 09F6B2

 09F6B2

FFFFFF

 00D997

 73FEEA

 00BC7D

 95FFFF

 00A064

 B6FFFF

 00854C

 D6FFFF

 006A35

 F6FFFF

 00501F

 003808

 001F00

 000000

09F6B2

09F6B2

00F6AF

22F6B9

3AF6C0

53F6C7

6BF6CE

84F6D5

9DF6DC

B5F6E3

CEF6EA

E6F6F2

Harmonies

Analogous

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



9BEE78



09F6B2



00F8F4

Triad

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



09F6B2



9DD6FF



FFB184

Complementary

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



09F6B2



F6094D

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.



FFA2BF



09F6B2



FFBCFF

Square

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



09F6B2



00EAFF



FFA7FF



FFC95C

Rectangle

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



09F6B2



00F7FF



FFA7FF



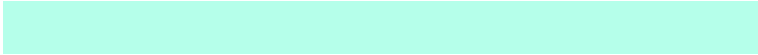
FFAA97

Sweetspot

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



09F6B2



B5FFEA



50F609



538073



000000



808080

Same Dimension

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



09F6B2



00FFB6



09C7F6



6E7A77



00BA85



003B2A

Inverse Universe

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



F6094D



FF0049



F63809



7A6E72



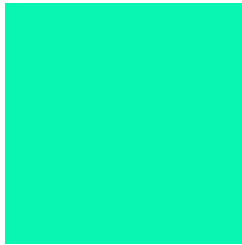
BA0035



3B0011

Previews

White Background



This preview shows how the Hex color 09F6B2 looks on a white background.

Color Contrast Check

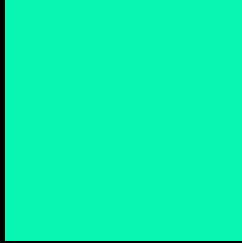
Large Text (above 18pt) WCAG AA × Fail

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 09F6B2 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 09F6B2 Background



This preview shows how black text looks on a background with the Hex color 09F6B2.

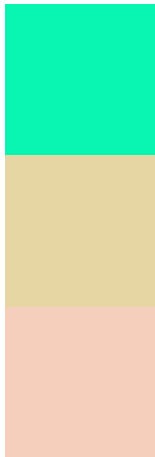


This preview shows how white text looks on a background with the Hex color 09F6B2.

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
09F6B2

Protanopia
E6D6A3

Deuteranopia
F5CFBB



Tritanopia
53ECFF

Trichromacy



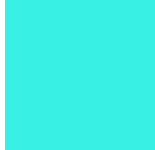
Original Color
09F6B2



Protanomaly
96E2A8



Deuteranomaly
9FDDB8

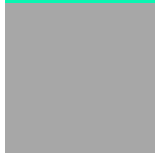


Tritanomaly
38F0E3

Monochromacy



Original Color
09F6B2



Achromatopsia
A7A7A7



Achromatomaly
6EC4AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 09F6B2 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 #09F6B2 looks like.

```
.text, #text, p{  
    color:#09F6B2  
}
```

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 #09F6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09F6B2
}
```

Border

The CSS property to change the border of an element to Hex 09F6B2 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
#09F6B2 }
```

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

```
.border{ border-color:#09F6B2 }
```

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

Here you see how a box with a 4 pixel #09F6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09F6B2; -webkit-box-shadow:4px 4px  
4px 4px #09F6B2; box-shadow:4px 4px 4px  
4px #09F6B2 }
```

Background

The CSS property to change the background color of an element to Hex 09F6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09F6B2 }
```

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

```
.background{ background-color:#09F6B2 }
```

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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