

Converting Colors

Hex(00F4C6)

Have a look what the booklet for
Hex(00F4C6) contains.

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Color

Hex(00F4C6)

Conversions

Conversions Part 1

Format	Color
Hex	00F4C6
RGB	0, 244, 198
RGB Percent	0%, 96%, 78%
CMY	1.0000, 0.0431, 0.2235
CMYK	1.00, 0.00, 0.19, 0.04
HSL	169°, 100%, 48%
HSV	169°, 100%, 96%
XYZ	42.5437, 68.7786, 64.4594
YIQ	165.8000, -130.6580, -66.0340

Conversions

Conversions Part 2

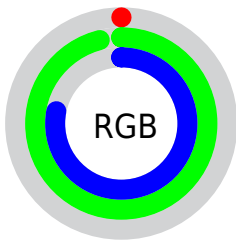
Format	Color
RYB	0, 135, 244
Decimal	62662
CIELab	86.39, -58.88, 8.61
CIELCh	86, 59.506, 171.683
Yxy	68.7786, 0.2420, 0.3913
Android (android.graphics.Color)	4278252742 (0xFF00F4C6)
YUV	165.8000, 15.8746, -145.4066
Hunter-Lab	82.9329, -53.5638, 11.9700

Details

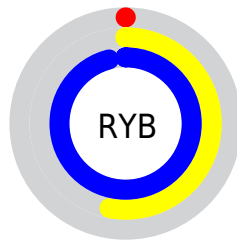
The Hex color **00F4C6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F4002E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFFF**, and **00BB90** is the 20% darker color. If you saturate the color by 10%, you get **00F4C6**, and if you desaturate by 10%, it is **18F4CB**.

Distribution



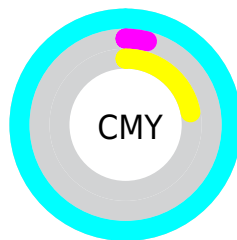
- Red (0%)
- Green (96%)
- Blue (78%)



- Red (0%)
- Yellow (53%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F4C6 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 00F4C6 by changing the saturation by 10% instead.

 00F4C6

FFFFFF

 72FFFF

 95FFFF

 B5FFFF

 D6FFFF

 F6FFFF

 00F4C6

 00D7AB

 00BB90

 009F77

 00845E

 006946

 004F30

 00371B

 001F01

 000000

 00F4C6

 18F4CB

 31F4CF

 49F4D4

 62F4D8

 7AF4DD

 92F4E2

 ABF4E6

 C3F4EB

 DCF4EF

Harmonies

Analogous

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



8FEE90



00F4C6



00F5FF

Triad

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



00F4C6



C3D0FF



FFBB81

Complementary

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



00F4C6



F4002E

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.



FFABB2



00F4C6



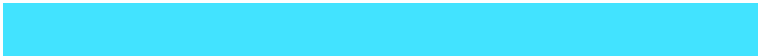
FFBAFF

Square

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



00F4C6



42E3FF



FFAAEA



FFD066

Rectangle

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



00F4C6



00F2FF



FFAAEA



FFB590

Sweetspot

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



00F4C6



B3FFF1



31F400



528077



000000



808080

Same Dimension

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



00F4C6



00FFCF



00ABF4



6E7A78



00BA97



003B30

Inverse Universe

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



F4002E



FF0030



F44900



7A6E70



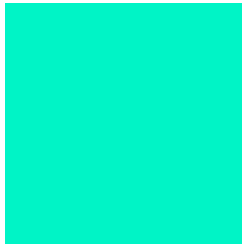
BA0023



3B000B

Previews

White Background



This preview shows how the Hex color 00F4C6 looks on a white background.

Color Contrast Check

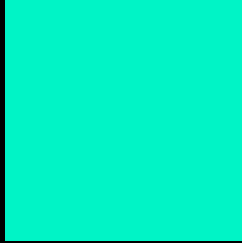
Large Text (above 18pt) WCAG AA × Fail

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 00F4C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

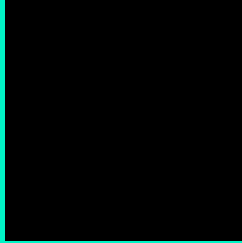
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

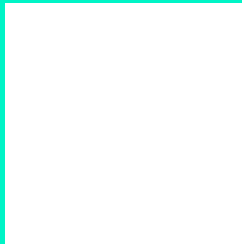
Any Text WCAG AAA ✓ Pass

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

Hex 00F4C6 Background



This preview shows how black text looks on a background with the Hex color 00F4C6.

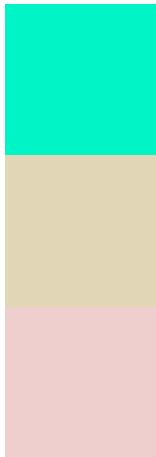


This preview shows how white text looks on a background with the Hex color 00F4C6.

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
00F4C6

Protanopia
E1D6B6

Deuteranopia
EECFCE



Tritanopia
4BECFF

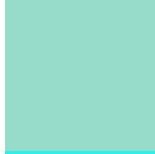
Trichromacy



Original Color
00F4C6



Protanomaly
8FE1BC



Deuteranomaly
97DCCB

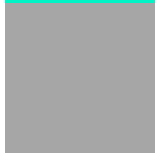


Tritanomaly
30EFEA

Monochromacy



Original Color
00F4C6



Achromatopsia
A6A6A6



Achromatomaly
6AC2B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F4C6 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 #00F4C6 looks like.

```
.text, #text, p{  
    color:#00F4C6  
}
```

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 #00F4C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F4C6
}
```

Border

The CSS property to change the border of an element to Hex 00F4C6 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
#00F4C6 }
```

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

```
.border{ border-color:#00F4C6 }
```

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

Here you see how a box with a 4 pixel #00F4C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F4C6; -webkit-box-shadow:4px 4px  
4px 4px #00F4C6; box-shadow:4px 4px 4px  
4px #00F4C6 }
```

Background

The CSS property to change the background color of an element to Hex 00F4C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F4C6 }
```

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

```
.background{ background-color:#00F4C6 }
```

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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