

Converting Colors

Hex(00F4C8)

Have a look what the booklet for
Hex(00F4C8) contains.

Hex(00F4C8)	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(00F4C8)

Conversions

Conversions Part 1

Format	Color
Hex	00F4C8
RGB	0, 244, 200
RGB Percent	0%, 96%, 78%
CMY	1.0000, 0.0431, 0.2157
CMYK	1.00, 0.00, 0.18, 0.04
HSL	169°, 100%, 48%
HSV	169°, 100%, 96%
XYZ	42.7760, 68.8715, 65.6826
YIQ	166.0280, -131.3000, -65.4120

Conversions

Conversions Part 2

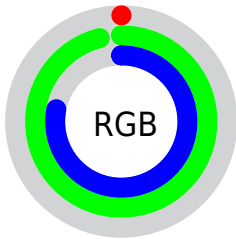
Format	Color
RYB	0, 134, 244
Decimal	62664
CIELab	86.44, -58.38, 7.63
CIELCh	86, 58.881, 172.553
Yxy	68.8715, 0.2412, 0.3884
Android (android.graphics.Color)	4278252744 (0xFF00F4C8)
YUV	166.0280, 16.7482, -145.6066
Hunter-Lab	82.9889, -53.2239, 11.1664

Details

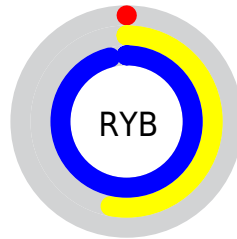
The Hex color **00F4C8** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F4002C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFFF**, and **00BB92** is the 20% darker color. If you saturate the color by 10%, you get **00F4C8**, and if you desaturate by 10%, it is **18F4CC**.

Distribution



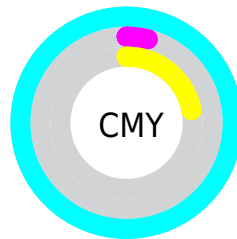
- Red (0%)
- Green (96%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00F4C8 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 00F4C8 by changing the saturation by 10% instead.

 00F4C8

 00F4C8


FFFFFF

 00D7AD

 72FFFF

 00BB92

 95FFFF

 009F78

 B6FFFF

 008460

 D6FFFF

 006948

 F6FFFF

 005032

 00371C

 001F04

 000000

 00F4C8

 18F4CC

 31F4D1

 49F4D5

 62F4DA

 7AF4DE

 92F4E2

 ABF4E7

 C3F4EB

 DCF4F0

Harmonies

Analogous

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



8DEE92



00F4C8



00F5FF

Triad

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



00F4C8



C7CFFF



FFBC81

Complementary

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



00F4C8



F4002C

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.



FFACB1



00F4C8



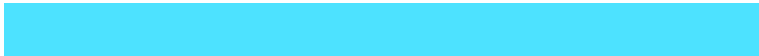
FFBAFF

Square

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



00F4C8



4DE2FF



FFABE9



FFD067

Rectangle

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



00F4C8



00F2FF



FFABE9



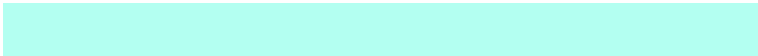
FFB68F

Sweetspot

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



00F4C8



B3FFF1



2DF400



528077



000000



808080

Same Dimension

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



00F4C8



00FFD1



00A7F4



6E7A78



00BA99



003B30

Inverse Universe

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



F4002C



FF002E



F44D00



7A6E70



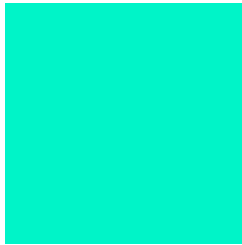
BA0022



3B000B

Previews

White Background



This preview shows how the Hex color 00F4C8 looks on a white background.

Color Contrast Check

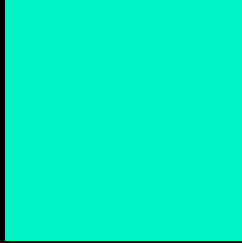
Large Text (above 18pt) WCAG AA × Fail

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 00F4C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

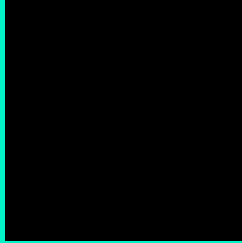
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

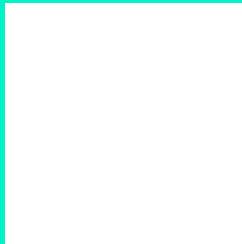
Any Text WCAG AAA ✓ Pass

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

Hex 00F4C8 Background



This preview shows how black text looks on a background with the Hex color 00F4C8.

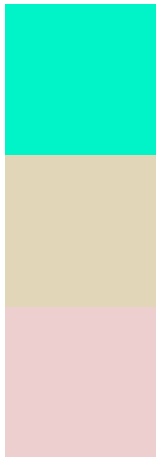


This preview shows how white text looks on a background with the Hex color 00F4C8.

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](#).

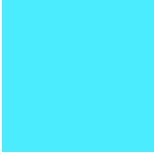
Dichromacy



Original Color
00F4C8

Protanopia
E1D6B8

Deuteranopia
EDCFD0



Tritanopia
4CECFF

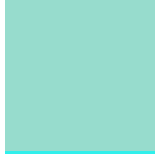
Trichromacy



Original Color
00F4C8



Protanomaly
8FE1BE



Deuteranomaly
97DCCD

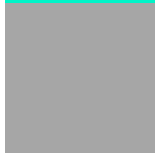


Tritanomaly
30EFEB

Monochromacy



Original Color
00F4C8



Achromatopsia
A6A6A6



Achromatomaly
6AC2B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F4C8 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 #00F4C8 looks like.

```
.text, #text, p{  
    color:#00F4C8  
}
```

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 #00F4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F4C8
}
```

Border

The CSS property to change the border of an element to Hex 00F4C8 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
#00F4C8 }
```

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

```
.border{ border-color:#00F4C8 }
```

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

Here you see how a box with a 4 pixel #00F4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F4C8; -webkit-box-shadow:4px 4px  
4px 4px #00F4C8; box-shadow:4px 4px 4px  
4px #00F4C8 }
```

Background

The CSS property to change the background color of an element to Hex 00F4C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F4C8 }
```

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

```
.background{ background-color:#00F4C8 }
```

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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