

Converting Colors

Hex(00F2C6)

Have a look what the booklet for
Hex(00F2C6) contains.

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Color

Hex(00F2C6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00F2C6 |
| RGB | 0, 242, 198 |
| RGB Percent | 0%, 95%, 78% |
| CMY | 1.0000, 0.0510, 0.2235 |
| CMYK | 1.00, 0.00, 0.18, 0.05 |
| HSL | 169°, 100%, 47% |
| HSV | 169°, 100%, 95% |
| XYZ | 41.9452, 67.5815, 64.2599 |
| YIQ | 164.6260, -130.1080, -64.9880 |

Conversions

Conversions Part 2

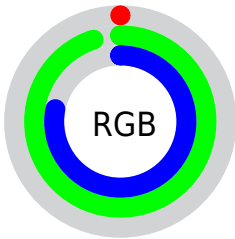
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 133, 242 |
| Decimal | 62150 |
| CIELab | 85.80, -58.11, 7.75 |
| CIELCh | 86, 58.622, 172.402 |
| Yxy | 67.5815, 0.2414, 0.3889 |
| Android (android.graphics.Color) | 4278252230 (0xFF00F2C6) |
| YUV | 164.6260, 16.4534, -144.3770 |
| Hunter-Lab | 82.2080, -52.7874, 11.2001 |

Details

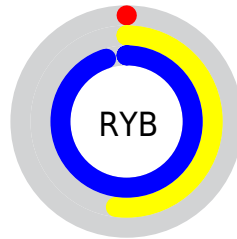
The Hex color **00F2C6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F2002C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **72FFFF**, and **00B990** is the 20% darker color. If you saturate the color by 10%, you get **00F2C6**, and if you desaturate by 10%, it is **18F2CA**.

Distribution



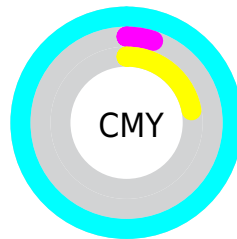
- Red (0%)
- Green (95%)
- Blue (78%)



- Red (0%)
- Yellow (52%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F2C6 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 00F2C6 by changing the saturation by 10% instead.

 00F2C6

FFFFFF

 72FFFF

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00F2C6

 00D5AB

 00B990

 009D77

 00825E

 006746

 004E30

 00361B

 001D01

 000000

 00F2C6

 18F2CA

 30F2CF

 49F2D3

 61F2D8

 79F2DC

 91F2E0

 A9F2E5

 C2F2E9

 DAF2EE

Harmonies

Analogous

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



8CEC90



00F2C6



00F3FF

Triad

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



00F2C6



C4CDFF



FFBA80

Complementary

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



00F2C6



F2002C

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.



FFABAF



00F2C6



FFB8FF

Square

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



00F2C6



4AE1FF



FFA9E7



FFCF66

Rectangle

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



00F2C6



00F0FF



FFA9E7



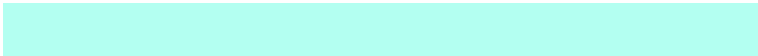
FFB48E

Sweetspot

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



00F2C6



B3FFF1



2CF200



528077



000000



808080

Same Dimension

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



00F2C6



00FFD1



00A5F2



6C7876



00B896



00382E

Inverse Universe

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



F2002C



FF002E



F24D00



786C6E



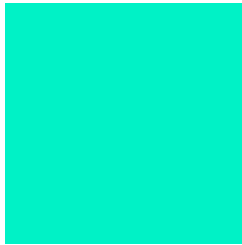
B80021



38000A

Previews

White Background



This preview shows how the Hex color 00F2C6 looks on a white background.

Color Contrast Check

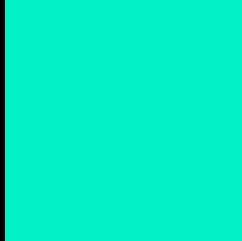
Large Text (above 18pt) WCAG AA × Fail

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 00F2C6 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 00F2C6 Background



This preview shows how black text looks on a background with the Hex color 00F2C6.



This preview shows how white text looks on a background with the Hex color 00F2C6.

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](#).

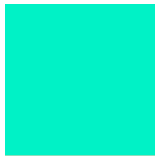
Dichromacy



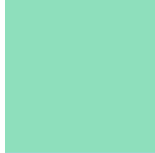


Tritanopia
47EAFD

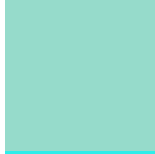
Trichromacy



Original Color
00F2C6



Protanomaly
8EDFBC



Deuteranomaly
96DFCB

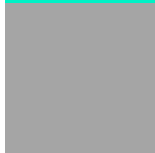


Tritanomaly
2DEDE9

Monochromacy



Original Color
00F2C6



Achromatopsia
A5A5A5



Achromatomaly
69C1B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F2C6 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 #00F2C6 looks like.

```
.text, #text, p{  
    color:#00F2C6  
}
```

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 #00F2C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F2C6
}
```

Border

The CSS property to change the border of an element to Hex 00F2C6 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
#00F2C6 }
```

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

```
.border{ border-color:#00F2C6 }
```

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

Here you see how a box with a 4 pixel #00F2C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F2C6; -webkit-box-shadow:4px 4px  
4px 4px #00F2C6; box-shadow:4px 4px 4px  
4px #00F2C6 }
```

Background

The CSS property to change the background color of an element to Hex 00F2C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F2C6 }
```

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

```
.background{ background-color:#00F2C6 }
```

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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