

Converting Colors

Hex(05FFC6)

Have a look what the booklet for
Hex(05FFC6) contains.

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Color

Hex(05FFC6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 05FFC6 |
| RGB | 5, 255, 198 |
| RGB Percent | 2%, 100%, 78% |
| CMY | 0.9804, 0.0000, 0.2235 |
| CMYK | 0.98, 0.00, 0.22, 0.00 |
| HSL | 166°, 100%, 51% |
| HSV | 166°, 98%, 100% |
| XYZ | 46.0156, 75.6295, 65.5988 |
| YIQ | 173.7520, -130.7030, -70.7270 |

Conversions

Conversions Part 2

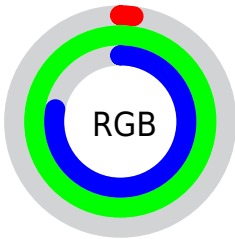
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 5, 146, 255 |
| Decimal | 393158 |
| CIELab | 89.69, -62.94, 13.30 |
| CIELCh | 90, 64.330, 168.067 |
| Yxy | 75.6295, 0.2458, 0.4039 |
| Android (android.graphics.Color) | 4278583238 (0xFF05FFC6) |
| YUV | 173.7520, 11.9543, -147.9955 |
| Hunter-Lab | 86.9652, -57.7400, 16.1526 |

Details

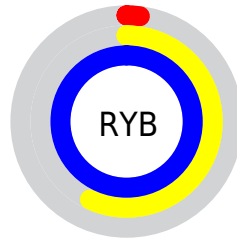
The Hex color **05FFC6** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FF053E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **75FFFF**, and **00C590** is the 20% darker color. If you saturate the color by 10%, you get **00FFC5**, and if you desaturate by 10%, it is **1FFFCC**.

Distribution



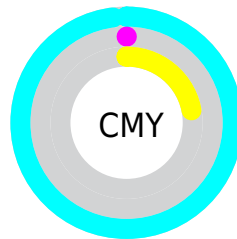
- Red (2%)
- Green (100%)
- Blue (78%)



- Red (2%)
- Yellow (57%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05FFC6 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 05FFC6 by changing the saturation by 10% instead.

 05FFC6

FFFFFF

 75FFFF

 98FFFF

 B9FFFF

 DAFFFF

 FAFFFF

 05FFC6

 00E2AB

 00C590

 00A976

 008D5E

 007246

 00582F

 003F1A

 002701

 000000

 05FFC6

 05FFC6

 00FFC5

 1FFFCC


 38FFD2

 52FFD7

 6BFFDD

 85FFE3

 9EFFE9

 B8FFE7

 D1FFF5

 EBFFFA

Harmonies

Analogous

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



9AF88C



05FFC6



00FFFF

Triad

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



05FFC6



BDDBF8



FFBF88

Complementary

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



05FFC6



FF053E

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.



FFAFBF



05FFC6



FFC3FF

Square

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



05FFC6



00EFFF



FFB0FD



FFD666

Rectangle

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



05FFC6



00FEFF



FFB0FD



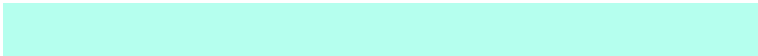
FFB899

Sweetspot

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



05FFC6



B5FFEE



3FFF05



538075



000000



808080

Same Dimension

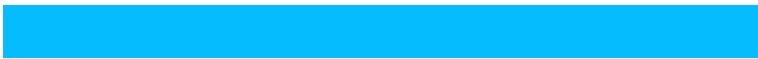
The Same Dimension uses a secret algorithm to generate beautiful new colors.



05FFC6



00FFC5



05BCFF



73807D



00BF94



004031

Inverse Universe

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



FF053E



FF003A



FF4805



807376



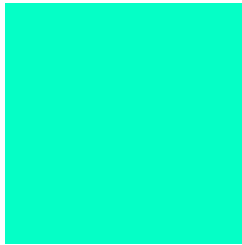
BF002C



40000F

Previews

White Background



This preview shows how the Hex color 05FFC6 looks on a white background.

Color Contrast Check

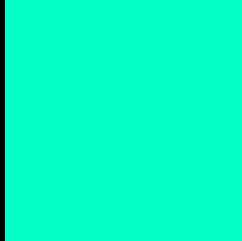
Large Text (above 18pt) WCAG AA × Fail

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 05FFC6 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 05FFC6 Background



This preview shows how black text looks on a background with the Hex color 05FFC6.



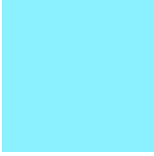
This preview shows how white text looks on a background with the Hex color 05FFC6.

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
8BF0FF

Trichromacy



Original Color
05FFC6



Protanomaly
98EBBC



Deuteranomaly
A2E6CC



Tritanomaly
5AF5EA

Monochromacy



Original Color
05FFC6



Achromatopsia
AEAEAE



Achromatomaly
71CBB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 05FFC6 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 #05FFC6 looks like.

```
.text, #text, p{  
    color:#05FFC6  
}
```

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 #05FFC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05FFC6
}
```

Border

The CSS property to change the border of an element to Hex 05FFC6 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
#05FFC6 }
```

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

```
.border{ border-color:#05FFC6 }
```

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

Here you see how a box with a 4 pixel #05FFC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05FFC6; -webkit-box-shadow:4px 4px  
4px 4px #05FFC6; box-shadow:4px 4px 4px  
4px #05FFC6 }
```

Background

The CSS property to change the background color of an element to Hex 05FFC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05FFC6 }
```

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

```
.background{ background-color:#05FFC6 }
```

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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