

Converting Colors

Hex(06FFA4)

Have a look what the booklet for
Hex(06FFA4) contains.

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Color

Hex(06FFA4)

Conversions

Conversions Part 1

Format	Color
Hex	06FFA4
RGB	6, 255, 164
RGB Percent	2%, 100%, 64%
CMY	0.9765, 0.0000, 0.3569
CMYK	0.98, 0.00, 0.36, 0.00
HSL	158°, 100%, 51%
HSV	158°, 98%, 100%
XYZ	42.5359, 74.2391, 47.2097
YIQ	170.1750, -119.1930, -81.0890

Conversions

Conversions Part 2

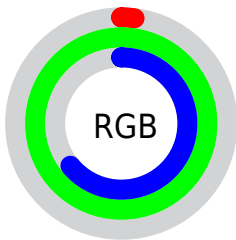
Format	Color
RYB	6, 158, 255
Decimal	458660
CIELab	89.04, -70.29, 29.72
CIELCh	89, 76.313, 157.079
Yxy	74.2391, 0.2594, 0.4527
Android (android.graphics.Color)	4278648740 (0xFF06FFA4)
YUV	170.1750, -3.0443, -143.9815
Hunter-Lab	86.1621, -62.6629, 27.8275

Details

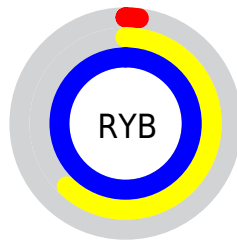
The Hex color **06FFA4** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF0661**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFDB**, and **00C56F** is the 20% darker color. If you saturate the color by 10%, you get **00FFA2**, and if you desaturate by 10%, it is **20FFAD**.

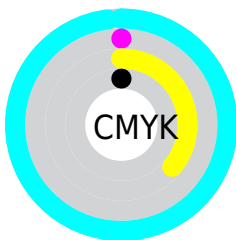
Distribution



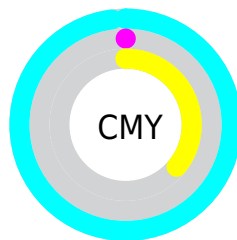
- Red (2%)
- Green (100%)
- Blue (64%)



- Red (2%)
- Yellow (62%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06FFA4 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 06FFA4 by changing the saturation by 10% instead.

 06FFA4

 06FFA4

FFFFFF

 00E289

 74FFDB

 00C56F

 97FFF8

 00A856

 B8FFFF

 008D3E

 D8FFFF

 007227

 F8FFFF


 00570F

 003F00

 002500

 000000

 06FFA4

 06FFA4

 00FFA2

 20FFAD

 39FFB7

 53FFC0

 6CFFC9

 86FFD3

 9FFFDC

 B9FFE5

 D2FFE7

 ECFFF8

Harmonies

Analogous

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



A9F464



06FFA4



00FFEF

Triad

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



06FFA4



69E2FF



FFAB8C

Complementary

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



06FFA4



FF0661

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.



FF9CD1



06FFA4



FAC5FF

Square

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



06FFA4



00F6FF



FFA8FF



FFC755

Rectangle

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



06FFA4



00FFFF



FFA8FF



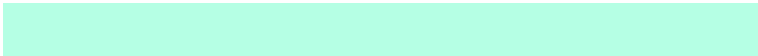
FFA4A2

Sweetspot

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



06FFA4



B5FFE4



61FF06



53806F



000000



808080

Same Dimension

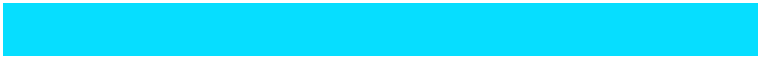
The Same Dimension uses a secret algorithm to generate beautiful new colors.



06FFA4



00FFA2



06DEFF



73807B



00BF79



004028

Inverse Universe

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



FF0661



FF005D



FF2706



807377



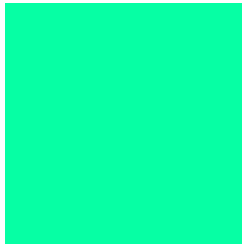
BF0046



400017

Previews

White Background



This preview shows how the Hex color 06FFA4 looks on a white background.

Color Contrast Check

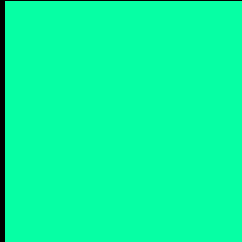
Large Text (above 18pt) WCAG AA × Fail

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 06FFA4 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 06FFA4 Background



This preview shows how black text looks on a background with the Hex color 06FFA4.

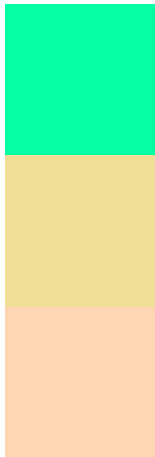


This preview shows how white text looks on a background with the Hex color 06FFA4.

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](#).

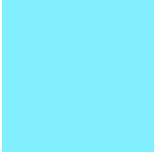
Dichromacy



Original Color
06FFA4

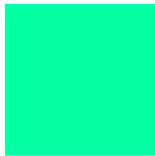
Protanopia
F0DD96

Deuteranopia
FFD6B4

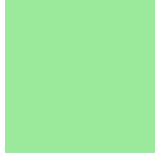


Tritanopia
82EFFF

Trichromacy



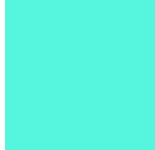
Original Color
06FFA4



Protanomaly
9BE99B



Deuteranomaly
A4E5AE

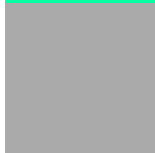


Tritanomaly
55F5DE

Monochromacy



Original Color
06FFA4



Achromatopsia
AAAAAA



Achromatomaly
6EC9A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 06FFA4 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 #06FFA4 looks like.

```
.text, #text, p{  
    color:#06FFA4  
}
```

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 #06FFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06FFA4
}
```

Border

The CSS property to change the border of an element to Hex 06FFA4 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
#06FFA4 }
```

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

```
.border{ border-color:#06FFA4 }
```

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

Here you see how a box with a 4 pixel #06FFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06FFA4; -webkit-box-shadow:4px 4px  
4px 4px #06FFA4; box-shadow:4px 4px 4px  
4px #06FFA4 }
```

Background

The CSS property to change the background color of an element to Hex 06FFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06FFA4 }
```

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

```
.background{ background-color:#06FFA4 }
```

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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