

Converting Colors

Hex(66FFC4)

Have a look what the booklet for
Hex(66FFC4) contains.

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Color

Hex(66FFC4)

Conversions

Conversions Part 1

Format	Color
Hex	66FFC4
RGB	102, 255, 196
RGB Percent	40%, 100%, 77%
CMY	0.6000, 0.0000, 0.2314
CMYK	0.60, 0.00, 0.23, 0.00
HSL	157°, 100%, 70%
HSV	157°, 60%, 100%
XYZ	51.2033, 78.3303, 64.6451
YIQ	202.5270, -72.2490, -50.7850

Conversions

Conversions Part 2

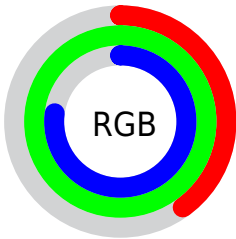
Format	Color
RYB	102, 197, 255
Decimal	6750148
CIELab	90.93, -54.07, 16.27
CIELCh	91, 56.462, 163.255
Yxy	78.3303, 0.2637, 0.4034
Android (android.graphics.Color)	4284940228 (0xFF66FFC4)
YUV	202.5270, -3.2178, -88.1622
Hunter-Lab	88.5044, -51.6134, 18.6467

Details

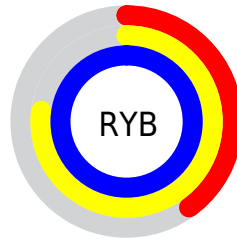
The Hex color **66FFC4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF66A1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A5FFFD**, and **0BC58E** is the 20% darker color. If you saturate the color by 10%, you get **4DFFBA**, and if you desaturate by 10%, it is **80FFCE**.

Distribution



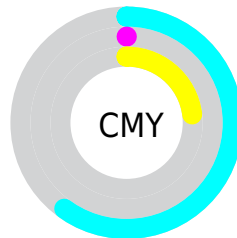
- Red (40%)
- Green (100%)
- Blue (77%)



- Red (40%)
- Yellow (77%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FFC4 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 66FFC4 by changing the saturation by 10% instead.

 66FFC4

FFFFFF

 A5FFFD

 C3FFF

 E2FFF

 66FFC4

 43E2A9

 0BC58E

 00A974

 008E5C

 007444

 005A2D

 004118

 002A00

 000600

 66FFC4

 66FFC4

 4DFFBA

 80FFCE

 33FFB0

 99FFD8

 19FFA7

 B3FFE2

 00FF9D

 CCFE2B

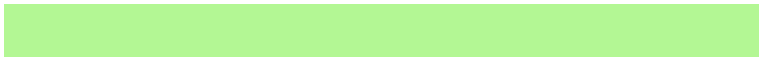
 E6FFF5

FFFFFF

Harmonies

Analogous

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



B3F794



66FFC4



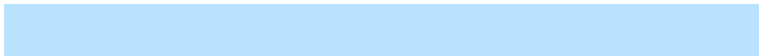
00FFFC

Triad

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



66FFC4



B9E2FF



FFC49D

Complementary

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



66FFC4



FF66A1

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.



FFB9CF



66FFC4



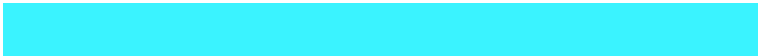
FFCEFF

Square

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



66FFC4



3AF3FF



FFBDFD



FFD77D

Rectangle

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



66FFC4



00FFFF



FFBDFD



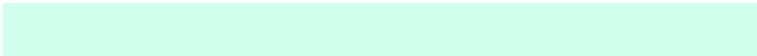
FFBFAC

Sweetspot

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



66FFC4



D1FFED



A3FF66



638075



000000



808080

Same Dimension

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



66FFC4



47FFB8



66F0FF



73807B



00BF76



004027

Inverse Universe

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



FF66A1



FF478E



FF7566



807378



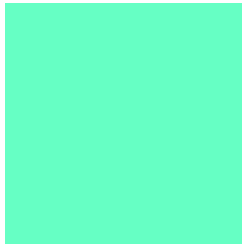
BF004A



400019

Previews

White Background



This preview shows how the Hex color 66FFC4 looks on a white background.

Color Contrast Check

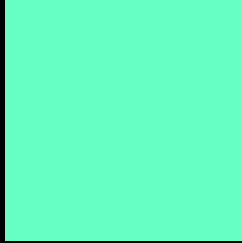
Large Text (above 18pt) WCAG AA × Fail

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 66FFC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

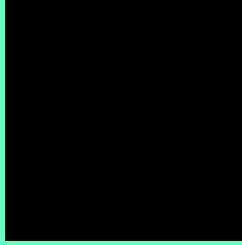
Any Text WCAG AA ✓ Pass

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 66FFC4 Background



This preview shows how black text looks on a background with the Hex color 66FFC4.

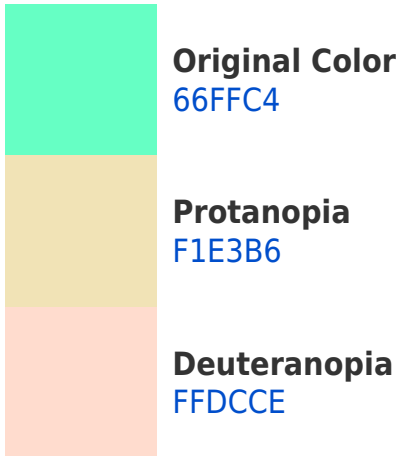


This preview shows how white text looks on a background with the Hex color 66FFC4.

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](#).

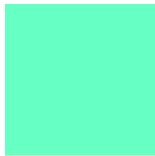
Dichromacy





Tritanopia
A4F0FF

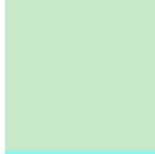
Trichromacy



Original Color
66FFC4



Protanomaly
BEEDBB



Deuteranomaly
C7E9CA

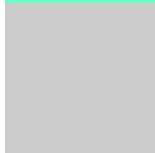


Tritanomaly
8DF5EA

Monochromacy



Original Color
66FFC4



Achromatopsia
CBCBCB



Achromatomaly
A6DEC8

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FFC4 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 #66FFC4 looks like.

```
.text, #text, p{  
    color:#66FFC4  
}
```

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 #66FFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFC4
}
```

Border

The CSS property to change the border of an element to Hex 66FFC4 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
#66FFC4 }
```

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

```
.border{ border-color:#66FFC4 }
```

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

Here you see how a box with a 4 pixel #66FFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFC4; -webkit-box-shadow:4px 4px  
4px 4px #66FFC4; box-shadow:4px 4px 4px  
4px #66FFC4 }
```

Background

The CSS property to change the background color of an element to Hex 66FFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFC4 }
```

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

```
.background{ background-color:#66FFC4 }
```

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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