

# Converting Colors

Hex(66FFD4)

Have a look what the booklet for  
Hex(66FFD4) contains.

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# Color

**Hex(66FFD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFD4
RGB	102, 255, 212
RGB Percent	40%, 100%, 83%
CMY	0.6000, 0.0000, 0.1686
CMYK	0.60, 0.00, 0.17, 0.00
HSL	163°, 100%, 70%
HSV	163°, 60%, 100%
XYZ	53.1232, 79.0982, 74.7550
YIQ	204.3510, -77.3850, -45.8090

# Conversions

## Conversions Part 2

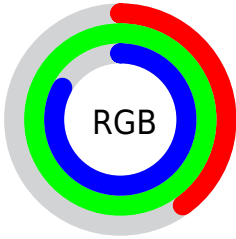
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 191, 255
Decimal	6750164
CIELab	91.28, -50.55, 8.53
CIELCh	91, 51.260, 170.425
Yxy	79.0982, 0.2567, 0.3822
Android (android.graphics.Color)	4284940244 (0xFF66FFD4)
YUV	204.3510, 3.7710, -89.7618
Hunter-Lab	88.9372, -49.0201, 12.4206

# Details

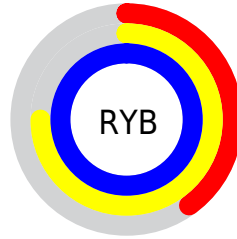
The Hex color **66FFD4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6691**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A5FFFF**, and **07C59D** is the 20% darker color. If you saturate the color by 10%, you get **4DFFCD**, and if you desaturate by 10%, it is **80FFDB**.

# Distribution



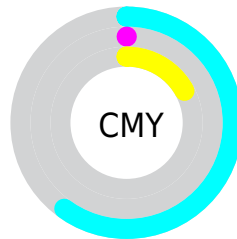
- Red (40%)
- Green (100%)
- Blue (83%)



- Red (40%)
- Yellow (75%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66FFD4 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 66FFD4 by changing the saturation by 10% instead.



 66FFD4

FFFFFF

 A5FFFF

 C4FFFF

 E3FFFF

 66FFD4

 42E2B8

 07C59D

 00AA83

 008E6A

 007452

 005A3B

 004125

 002C11

 000900

 66FFD4

 66FFD4

 4DFFCD

 80FFDB

 33FFC6

 99FFE2

 19FFBF

 B3FFEA

 00FFB7

 CCFFF1

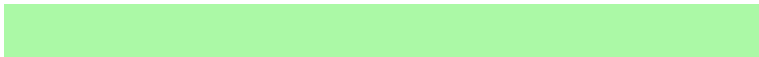
 E6FFF8

FFFFFF

# Harmonies

## Analogous

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



ABF9A6



66FFD4



00FFFF

# Triad

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



66FFD4



D4DFFF



FFCD9C

# Complementary

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



66FFD4



FF6691

# 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.



FFC1C6



66FFD4



FFCDFF

# Square

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



66FFD4



7CF0FF



FFC1F8



FFDE84

# Rectangle

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



66FFD4



00DFFF



FFC1F8



FFC8A9

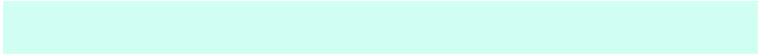


# Sweetspot

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



66FFD4



D1FFF2



91FF66



638078



000000



808080



# Same Dimension

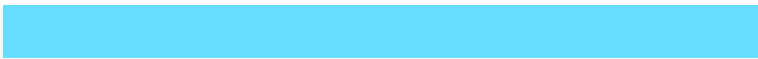
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66FFD4



47FFCB



66DEFF



73807C



00BF8A



00402E



# Inverse Universe

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



FF6691



FF477B



FF8766



807376



BF0036

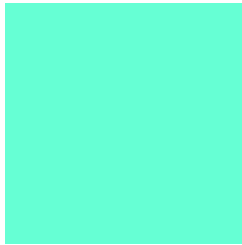


400012



# Previews

## White Background



This preview shows how the Hex color 66FFD4 looks on a white background.

## Color Contrast Check

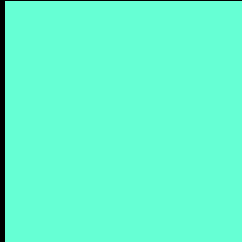
Large Text (above 18pt) WCAG AA × Fail

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 66FFD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

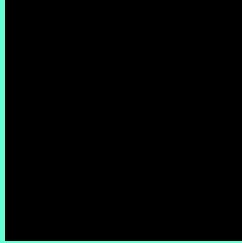
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66FFD4 Background



This preview shows how black text looks on a background with the Hex color 66FFD4.



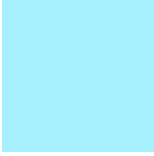
This preview shows how white text looks on a background with the Hex color 66FFD4.

# 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**  
A7F1FF

# Trichromacy



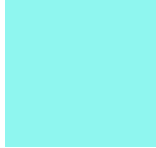
**Original Color**  
66FFD4



**Protanomaly**  
BDEECB



**Deuteranomaly**  
C6E9D8



**Tritanomaly**  
8FF6EF

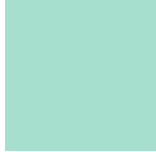
# Monochromacy



**Original Color**  
66FFD4



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
A7DFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66FFD4 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 #66FFD4 looks like.

```
.text, #text, p{  
    color:#66FFD4  
}
```

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 #66FFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFD4
}
```

## Border

The CSS property to change the border of an element to Hex 66FFD4 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
#66FFD4 }
```

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

```
.border{ border-color:#66FFD4 }
```

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

Here you see how a box with a 4 pixel #66FFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFD4; -webkit-box-shadow:4px 4px  
4px 4px #66FFD4; box-shadow:4px 4px 4px  
4px #66FFD4 }
```

# Background

The CSS property to change the background color of an element to Hex 66FFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFD4 }
```

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

```
.background{ background-color:#66FFD4 }
```

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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