

# Converting Colors

Hex(66FFD3)

Have a look what the booklet for  
Hex(66FFD3) contains.

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# Color

**Hex(66FFD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFD3
RGB	102, 255, 211
RGB Percent	40%, 100%, 83%
CMY	0.6000, 0.0000, 0.1725
CMYK	0.60, 0.00, 0.17, 0.00
HSL	163°, 100%, 70%
HSV	163°, 60%, 100%
XYZ	52.9974, 79.0479, 74.0925
YIQ	204.2370, -77.0640, -46.1200

# Conversions

## Conversions Part 2

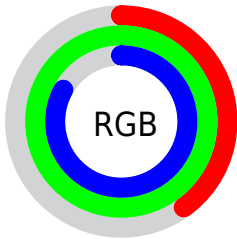
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 191, 255
Decimal	6750163
CIELab	91.26, -50.77, 9.01
CIELCh	91, 51.567, 169.938
Yxy	79.0479, 0.2571, 0.3835
Android (android.graphics.Color)	4284940243 (0xFF66FFD3)
YUV	204.2370, 3.3342, -89.6618
Hunter-Lab	88.9089, -49.1892, 12.8267

# Details

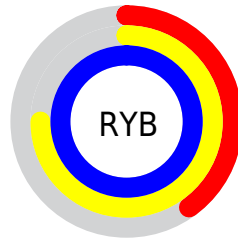
The Hex color **66FFD3** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6692**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A5FFFF**, and **07C59C** is the 20% darker color. If you saturate the color by 10%, you get **4DFFCC**, and if you desaturate by 10%, it is **80FFDA**.

# Distribution



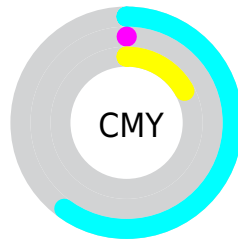
- Red (40%)
- Green (100%)
- Blue (83%)



- 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 66FFD3 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 66FFD3 by changing the saturation by 10% instead.



 66FFD3

FFFFFF

 A5FFFF

 C4FFFF

 E3FFFF

 66FFD3

 42E2B7

 07C59C

 00A982

 008E69

 007451

 005A3A

 004124

 002B10

 000900

 66FFD3

 66FFD3

 4DFFCC

 80FFDA

 33FFC4

 99FFE2

 19FFBD

 B3FFE9

 00FFB6

 CCFFF0

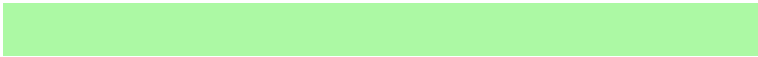
 E6FFF8

FFFFFF

# Harmonies

## Analogous

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



ACF9A4



66FFD3



00FFFF

# Triad

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



66FFD3



D2DFFF



FFCC9C

# Complementary

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



66FFD3



FF6692

# 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.



FFC0C7



66FFD3



FFCDFF

# Square

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



66FFD3



79F0FF



FFC0F9



FFDD84

# Rectangle

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



66FFD3



00DFFF



FFC0F9



FFC7A9

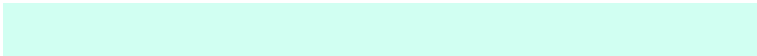


# Sweetspot

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



66FFD3



D1FFF2



94FF66



638077



000000



808080



# Same Dimension

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



66FFD3



47FFCA



66E0FF



73807C



00BF88



00402D



# Inverse Universe

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



FF6692



FF477C



FF8566



807376



BF0037

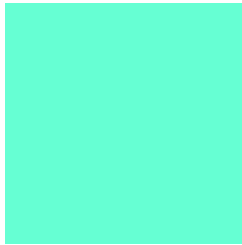


400012



# Previews

## White Background



This preview shows how the Hex color 66FFD3 looks on a white background.

## Color Contrast Check

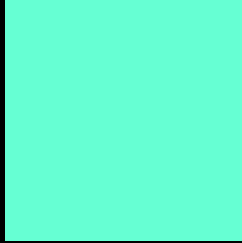
Large Text (above 18pt) WCAG AA × Fail

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 66FFD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

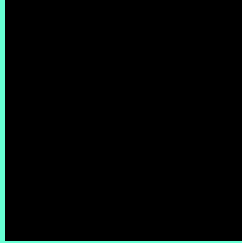
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

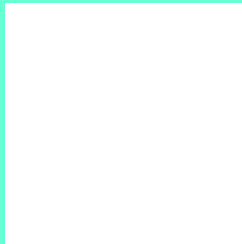
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66FFD3 Background



This preview shows how black text looks on a background with the Hex color 66FFD3.

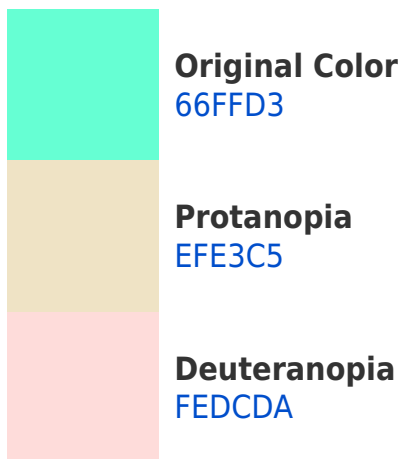


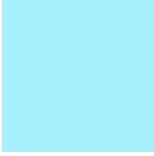
This preview shows how white text looks on a background with the Hex color 66FFD3.

# 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](#).

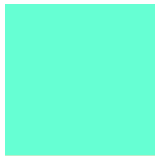
## Dichromacy





**Tritanopia**  
A7F1FF

# Trichromacy



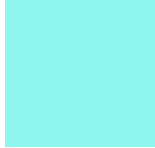
**Original Color**  
66FFD3



**Protanomaly**  
BDEDCA



**Deuteranomaly**  
C7E9D7

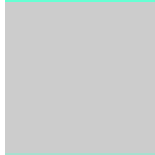


**Tritanomaly**  
8FF6EF

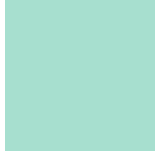
# Monochromacy



**Original Color**  
66FFD3



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
A7DFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66FFD3 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 #66FFD3 looks like.

```
.text, #text, p{  
    color:#66FFD3  
}
```

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 #66FFD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFD3
}
```

## Border

The CSS property to change the border of an element to Hex 66FFD3 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
#66FFD3 }
```

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

```
.border{ border-color:#66FFD3 }
```

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

Here you see how a box with a 4 pixel #66FFD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFD3; -webkit-box-shadow:4px 4px  
4px 4px #66FFD3; box-shadow:4px 4px 4px  
4px #66FFD3 }
```

# Background

The CSS property to change the background color of an element to Hex 66FFD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFD3 }
```

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

```
.background{ background-color:#66FFD3 }
```

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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