

Converting Colors

Hex(66FFD6)

Have a look what the booklet for
Hex(66FFD6) contains.

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Color

Hex(66FFD6)

Conversions

Conversions Part 1

Format	Color
Hex	66FFD6
RGB	102, 255, 214
RGB Percent	40%, 100%, 84%
CMY	0.6000, 0.0000, 0.1608
CMYK	0.60, 0.00, 0.16, 0.00
HSL	164°, 100%, 70%
HSV	164°, 60%, 100%
XYZ	53.3771, 79.1998, 76.0922
YIQ	204.5790, -78.0270, -45.1870

Conversions

Conversions Part 2

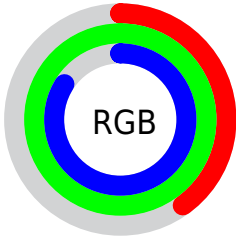
Format	Color
RYB	102, 190, 255
Decimal	6750166
CIELab	91.32, -50.09, 7.56
CIELCh	91, 50.656, 171.418
Yxy	79.1998, 0.2558, 0.3795
Android (android.graphics.Color)	4284940246 (0xFF66FFD6)
YUV	204.5790, 4.6446, -89.9618
Hunter-Lab	88.9943, -48.6791, 11.6017

Details

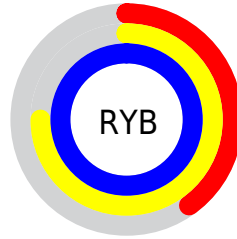
The Hex color **66FFD6** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF668F**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A5FFFF**, and **06C59F** is the 20% darker color. If you saturate the color by 10%, you get **4DFFCF**, and if you desaturate by 10%, it is **80FFDD**.

Distribution



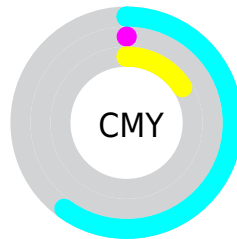
- Red (40%)
- Green (100%)
- Blue (84%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FFD6 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 66FFD6 by changing the saturation by 10% instead.

 66FFD6

FFFFFF

 A5FFFF

 C4FFFF

 E3FFFF

 66FFD6

 42E2BA

 06C59F

 00AA85

 008E6C

 007454

 005A3D

 004127

 002C12

 000900

 66FFD6

 66FFD6

 4DFFCF

 80FFDD

 33FFC8

 99FFE4

 19FFC2

 B3FFEB

 00FFBB

 CCFFF1

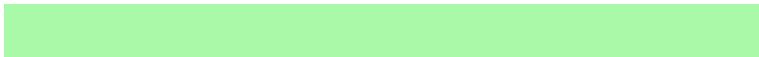
 E6FFF8

FFFFFF

Harmonies

Analogous

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



AAF9A8



66FFD6



00FFFF

Triad

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



66FFD6



D7DFFF



FFCD9C

Complementary

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



66FFD6



FF668F

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.



FFC1C5



66FFD6



FFCDFF

Square

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



66FFD6



82EFFF



FFC1F6



FFDE85

Rectangle

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



66FFD6



00DFFF



FFC1F6



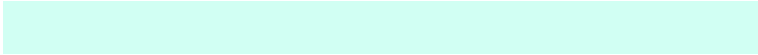
FFC9A8

Sweetspot

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



66FFD6



D1FFF3



91FF66



638078



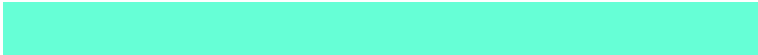
000000



808080

Same Dimension

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



66FFD6



47FFCE



66DEFF



73807C



00BF8C



00402F

Inverse Universe

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



FF668F



FF4779



FF8766



807376



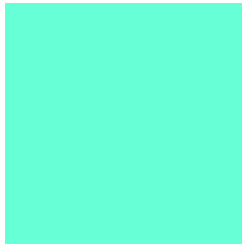
BF0033



400011

Previews

White Background



This preview shows how the Hex color 66FFD6 looks on a white background.

Color Contrast Check

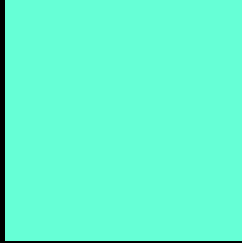
Large Text (above 18pt) WCAG AA × Fail

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 66FFD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

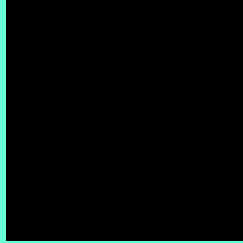
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

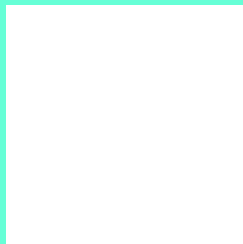
Any Text WCAG AAA ✓ Pass

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

Hex 66FFD6 Background



This preview shows how black text looks on a background with the Hex color 66FFD6.

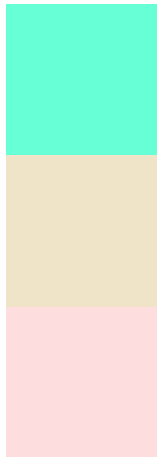


This preview shows how white text looks on a background with the Hex color 66FFD6.

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](#).

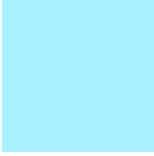
Dichromacy



Original Color
66FFD6

Protanopia
EFE4C8

Deuteranopia
FDDDDD



Tritanopia
A8F1FF

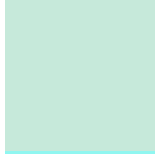
Trichromacy



Original Color
66FFD6



Protanomaly
BDEECD



Deuteranomaly
C6E9DA

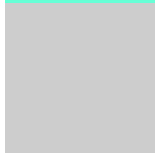


Tritanomaly
90F6F0

Monochromacy



Original Color
66FFD6



Achromatopsia
CDCDCD



Achromatomaly
A8DFD0

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FFD6 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 #66FFD6 looks like.

```
.text, #text, p{  
    color:#66FFD6  
}
```

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 #66FFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFD6
}
```

Border

The CSS property to change the border of an element to Hex 66FFD6 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
#66FFD6 }
```

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

```
.border{ border-color:#66FFD6 }
```

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

Here you see how a box with a 4 pixel #66FFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFD6; -webkit-box-shadow:4px 4px  
4px 4px #66FFD6; box-shadow:4px 4px 4px  
4px #66FFD6 }
```

Background

The CSS property to change the background color of an element to Hex 66FFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFD6 }
```

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

```
.background{ background-color:#66FFD6 }
```

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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