

Converting Colors

Hex(96FFD0)

Have a look what the booklet for
Hex(96FFD0) contains.

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Color

Hex(96FFD0)

Conversions

Conversions Part 1

Format	Color
Hex	96FFD0
RGB	150, 255, 208
RGB Percent	59%, 100%, 82%
CMY	0.4118, 0.0000, 0.1843
CMYK	0.41, 0.00, 0.18, 0.00
HSL	153°, 100%, 79%
HSV	153°, 41%, 100%
XYZ	59.7228, 82.5581, 72.4621
YIQ	218.2470, -47.4930, -36.8770

Conversions

Conversions Part 2

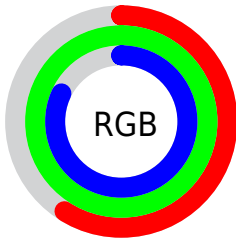
Format	Color
RYB	150, 218, 255
Decimal	9895888
CIELab	92.82, -40.80, 13.01
CIELCh	93, 42.821, 162.317
Yxy	82.5581, 0.2781, 0.3845
Android (android.graphics.Color)	4288085968 (0xFF96FFD0)
YUV	218.2470, -5.0518, -59.8526
Hunter-Lab	90.8615, -41.6804, 16.3192

Details

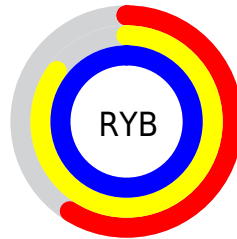
The Hex color **96FFD0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF96C5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D0FFFF**, and **5DC69A** is the 20% darker color. If you saturate the color by 10%, you get **7DFFC5**, and if you desaturate by 10%, it is **B0FFDB**.

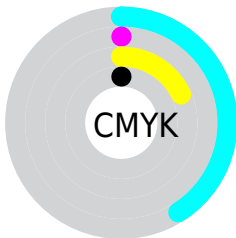
Distribution



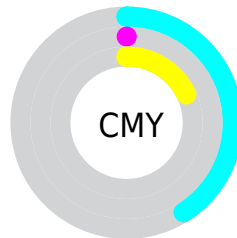
- Red (59%)
- Green (100%)
- Blue (82%)



- Red (59%)
- Yellow (85%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96FFD0 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 96FFD0 by changing the saturation by 10% instead.

 96FFD0

 96FFD0

FFFFFF

 7AE2B4

 D0FFFF

 5DC69A

 EDFFFF

 3FAA80

 1C8F66

 00754E

 005C37

 004322

 002C0C

 001200

 96FFD0

 96FFD0

 7DFFC5

 B0FFDB

 63FFB9

 C9FFE7

 4AFFAE

 E3FFF2

 30FFA2

 FCFFE

 17FF97

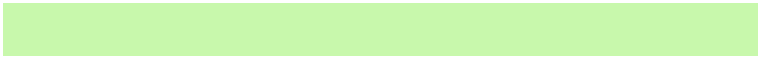
FFFFFF

 00FF8D

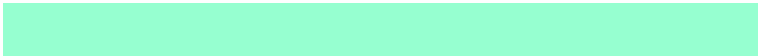
Harmonies

Analogous

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



C8F8AC



96FFD0



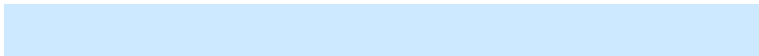
67FFFB

Triad

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



96FFD0



CCE9FF



FFD2B5

Complementary

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



96FFD0



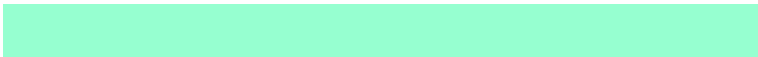
FF96C5

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.



FFCBDB



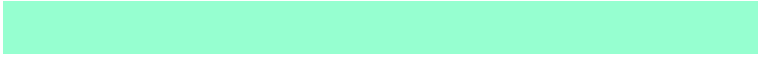
96FFD0



FFDAFF

Square

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



96FFD0



8BF5FF



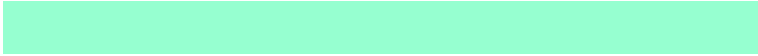
FFCEFF



FFDF9C

Rectangle

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



96FFD0



57FFFF



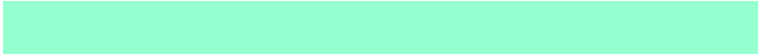
FFCEFF



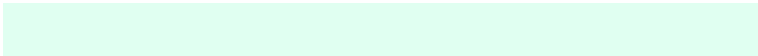
FFCFC0

Sweetspot

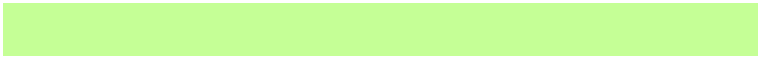
The Sweet Spot groups the original color and five complimentary colors.



96FFD0



E0FFF1



C5FF96



6E8078



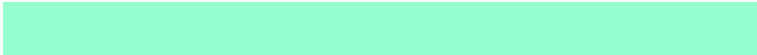
000000



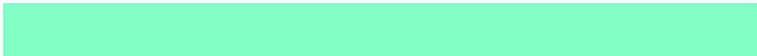
808080

Same Dimension

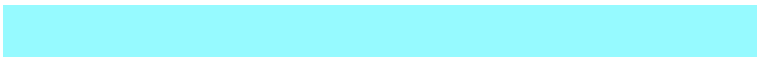
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96FFD0



82FFC7



96FAFF



73807A



00BF6A



004023

Inverse Universe

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



FF96C5



FF82BA



FF9B96



807378



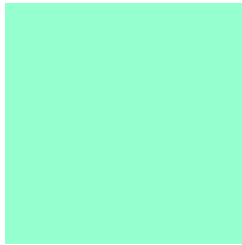
BF0056



40001D

Previews

White Background



This preview shows how the Hex color 96FFD0 looks on a white background.

Color Contrast Check

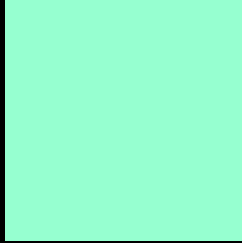
Large Text (above 18pt) WCAG AA × Fail

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 96FFD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

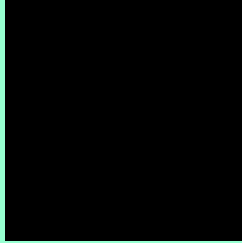
Any Text WCAG AA ✓ Pass

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 96FFD0 Background



This preview shows how black text looks on a background with the Hex color 96FFD0.

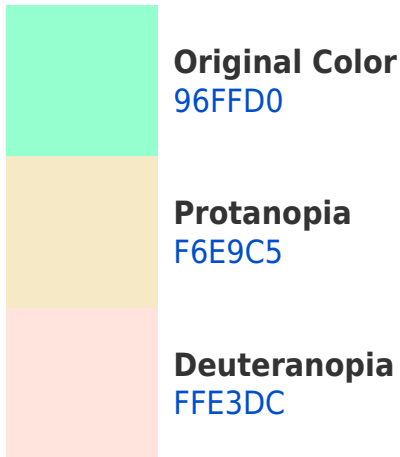


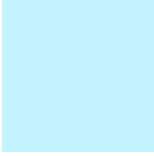
This preview shows how white text looks on a background with the Hex color 96FFD0.

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



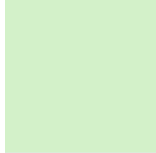


Tritanopia
C1F2FF

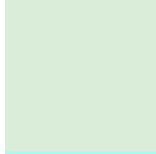
Trichromacy



Original Color
96FFD0



Protanomaly
D3F1C9

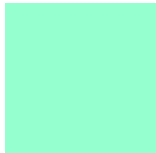


Deuteranomaly
D9EDD8

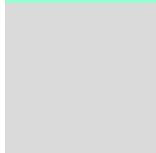


Tritanomaly
B1F7EE

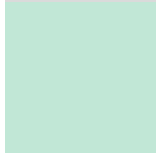
Monochromacy



Original Color
96FFD0



Achromatopsia
DADADA



Achromatomaly
C1E7D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 96FFD0 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 #96FFD0 looks like.

```
.text, #text, p{  
    color:#96FFD0  
}
```

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 #96FFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96FFD0
}
```

Border

The CSS property to change the border of an element to Hex 96FFD0 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
#96FFD0 }
```

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

```
.border{ border-color:#96FFD0 }
```

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

Here you see how a box with a 4 pixel #96FFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96FFD0; -webkit-box-shadow:4px 4px  
4px 4px #96FFD0; box-shadow:4px 4px 4px  
4px #96FFD0 }
```

Background

The CSS property to change the background color of an element to Hex 96FFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96FFD0 }
```

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

```
.background{ background-color:#96FFD0 }
```

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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