

# Converting Colors

Hex(99FFD6)

Have a look what the booklet for  
Hex(99FFD6) contains.

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**Color**

**Hex(99FFD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99FFD6
RGB	153, 255, 214
RGB Percent	60%, 100%, 84%
CMY	0.4000, 0.0000, 0.1608
CMYK	0.40, 0.00, 0.16, 0.00
HSL	156°, 100%, 80%
HSV	156°, 40%, 100%
XYZ	61.0345, 83.1473, 76.4505
YIQ	219.8280, -47.6310, -34.3750

# Conversions

## Conversions Part 2

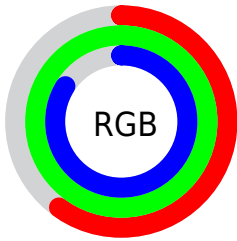
Format	Color
<a href="#">RYB</a>	<a href="#">153, 217, 255</a>
Decimal	<a href="#">10092502</a>
CIELab	<a href="#">93.08, -38.80, 10.31</a>
CIElCh	<a href="#">93, 40.144, 165.124</a>
Yxy	<a href="#">83.1473, 0.2766, 0.3769</a>
Android (android.graphics.Color)	<a href="#">4288282582 (0xFF99FFD6)</a>
YUV	<a href="#">219.8280, -2.8732, -58.6082</a>
Hunter-Lab	<a href="#">91.1852, -40.0957, 14.1203</a>

# Details

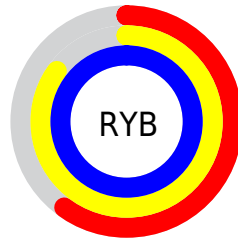
The Hex color **99FFD6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF99C2**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **D3FFFF**, and **60C69F** is the 20% darker color. If you saturate the color by 10%, you get **80FFCC**, and if you desaturate by 10%, it is **B3FFE0**.

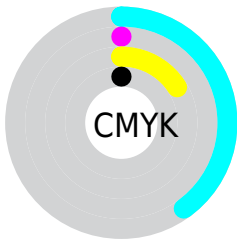
# Distribution



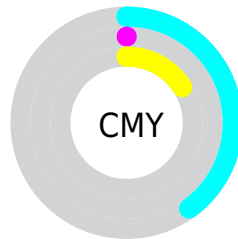
- Red (60%)
- Green (100%)
- Blue (84%)



- Red (60%)
- Yellow (85%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99FFD6 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 99FFD6 by changing the saturation by 10% instead.



 99FFD6

 99FFD6

FFFFFF

 7DE2BA

 D3FFFF

 60C69F

 F0FFFF

 43AA85

 228F6C

 007554

 005C3C

 004327

 002D12

 001300

 99FFD6

 99FFD6

 80FFCC

 B3FFE0

 66FFC1

 CCFFEB

 4DFFB7

 E6FFF5

 33FFAD

FFFFFF

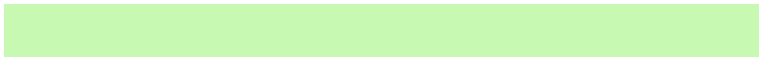
 19FFA3

 00FF98

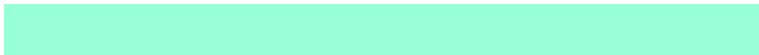
# Harmonies

## Analogous

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



C7F9B3



99FFD6



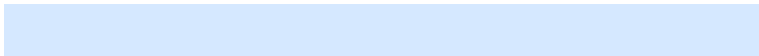
72FFFE

# Triad

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



99FFD6



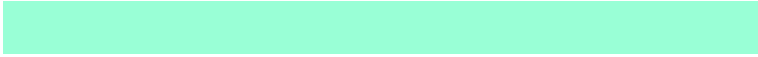
D5E8FF



FFD6B6

# Complementary

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



99FFD6



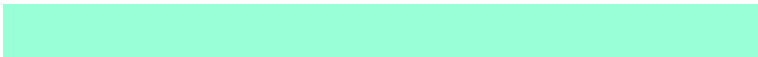
FF99C2

# 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.



FFCED9



99FFD6



FFDAFF

# Square

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



99FFD6



9BF5FF



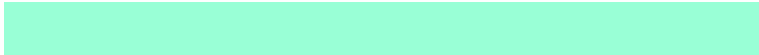
FFD0FF



FFE2A1

# Rectangle

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



99FFD6



6AFFFF



FFD0FF

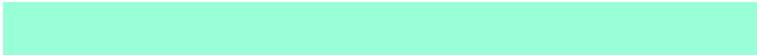


FFD2C0

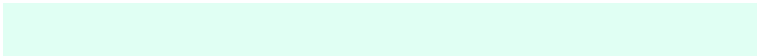


# Sweetspot

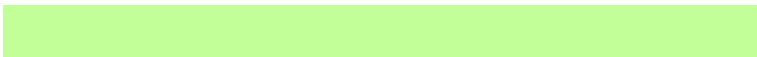
The Sweet Spot groups the original color and five complimentary colors.



99FFD6



E0FFF3



C3FF99



6E8078



000000

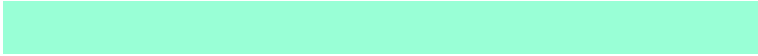


808080



# Same Dimension

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



99FFD6



85FFCE



99F7FF



73807A



00BF72



004026



# Inverse Universe

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



FF99C2



FF85B6



FFA299



807378



BF004D

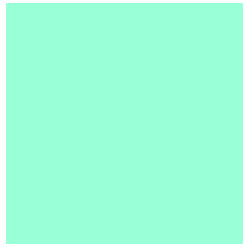


40001A



# Previews

## White Background



This preview shows how the Hex color 99FFD6 looks on a white background.

## Color Contrast Check

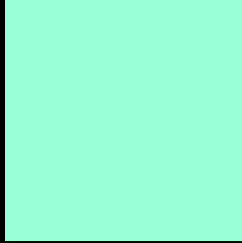
Large Text (above 18pt) WCAG AA × Fail

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 99FFD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

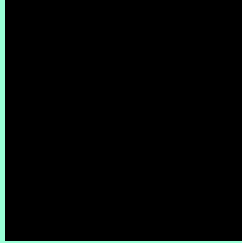
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99FFD6 Background



This preview shows how black text looks on a background with the Hex color 99FFD6.

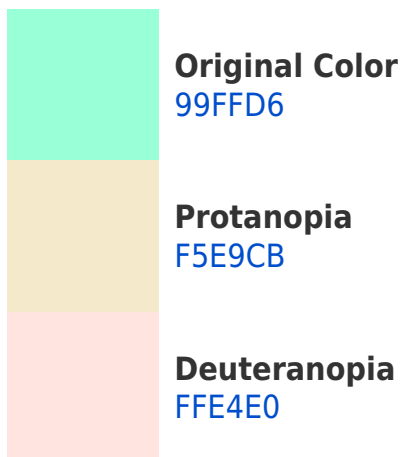


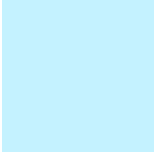
This preview shows how white text looks on a background with the Hex color 99FFD6.

# 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



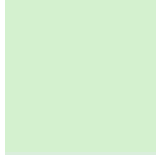


**Tritanopia**  
C4F2FF

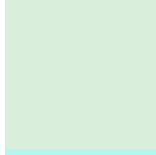
# Trichromacy



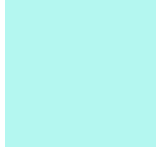
**Original Color**  
99FFD6



**Protanomaly**  
D4F1CF



**Deuteranomaly**  
DAEEDC

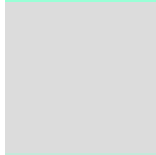


**Tritanomaly**  
B4F7F0

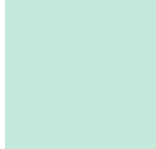
# Monochromacy



**Original Color**  
99FFD6



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
C4E9DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99FFD6 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 #99FFD6 looks like.

```
.text, #text, p{  
    color:#99FFD6  
}
```

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 #99FFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FFD6
}
```

## Border

The CSS property to change the border of an element to Hex 99FFD6 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
#99FFD6 }
```

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

```
.border{ border-color:#99FFD6 }
```

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

Here you see how a box with a 4 pixel #99FFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FFD6; -webkit-box-shadow:4px 4px  
4px 4px #99FFD6; box-shadow:4px 4px 4px  
4px #99FFD6 }
```

# Background

The CSS property to change the background color of an element to Hex 99FFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FFD6 }
```

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

```
.background{ background-color:#99FFD6 }
```

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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