

# Converting Colors

Hex(7FFFD9)

Have a look what the booklet for  
Hex(7FFFD9) contains.

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**Color**

**Hex(7FFFD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FFFD9
RGB	127, 255, 217
RGB Percent	50%, 100%, 85%
CMY	0.5020, 0.0000, 0.1490
CMYK	0.50, 0.00, 0.15, 0.00
HSL	162°, 100%, 75%
HSV	162°, 50%, 100%
XYZ	57.0368, 81.0418, 78.2821
YIQ	212.3960, -64.0900, -38.9540

# Conversions

## Conversions Part 2

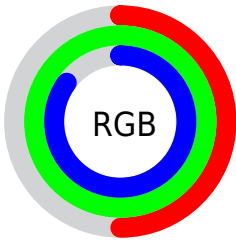
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 202, 255
Decimal	8388569
CIELab	92.15, -44.43, 7.30
CIElCh	92, 45.023, 170.673
Yxy	81.0418, 0.2636, 0.3746
Android (android.graphics.Color)	4286578649 (0xFF7FFFD9)
YUV	212.3960, 2.2698, -74.8923
Hunter-Lab	90.0232, -44.4468, 11.4590

# Details

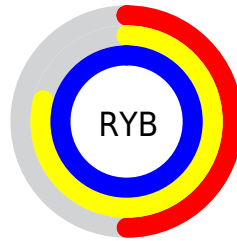
The Hex color **7FFFD9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF7FA5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **BBFFFF**, and **40C6A2** is the 20% darker color. If you saturate the color by 10%, you get **66FFD1**, and if you desaturate by 10%, it is **99FFE1**.

# Distribution



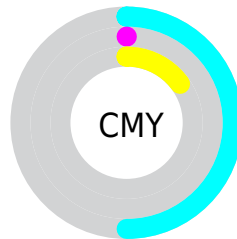
- Red (50%)
- Green (100%)
- Blue (85%)



- Red (50%)
- Yellow (79%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FFFD9 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 7FFFD9 by changing the saturation by 10% instead.



 7FFFD9


FFFFFF

 BBFFFF

 D9FFFF


 F7FFFF

 7FFFD9

 61E2BD

 40C6A2

 11AA88


 008F6F

 007456

 005B3F

 004229

 002C15

 000E00

 7FFFD9

 7FFFD9

 66FFD1

 99FFE1

 4CFFCA

 B2FFE8

 33FFC2

 CCFFF0

 19FFBB

 E5FFF7

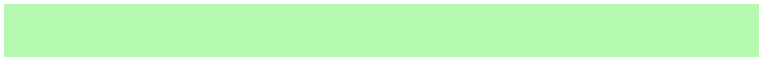
 00FFB3

 FFFFFFFF

# Harmonies

## Analogous

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



B5F9B0



7FFFD9



4BFFFF

# Triad

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



7FFFD9



DAE2FF



FFD3A7

# Complementary

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



7FFFD9



FF7FA5

# 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.



FFC8CC



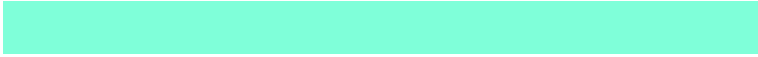
7FFFD9



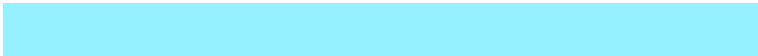
FFD3FF

# Square

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



7FFFD9



95F1FF



FFC8F8



FFE193

# Rectangle

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



7FFFD9



45FDFF



FFC8F8



FFCEB2

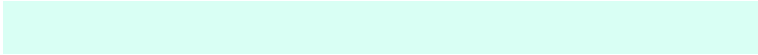


# Sweetspot

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



7FFFD9



D9FFF4



A5FF7F



698079



000000

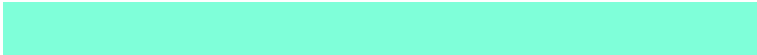


808080



# Same Dimension

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



7FFFD9



66FFD2



7FE5FF



73807C



00BF86



00402D



# Inverse Universe

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



FF7FA5



FF6693



FF997F



807377



BF0039

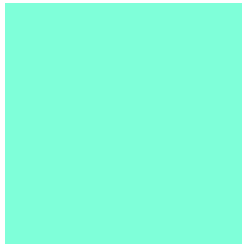


400013



# Previews

## White Background



This preview shows how the Hex color 7FFFD9 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

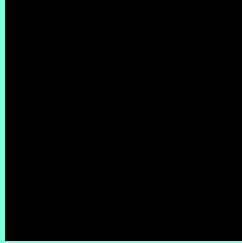
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FFFD9 Background



This preview shows how black text looks on a background with the Hex color 7FFFD9.

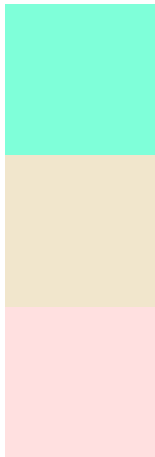


This preview shows how white text looks on a background with the Hex color 7FFFD9.

# 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](#).

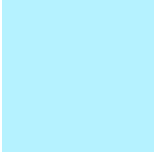
## Dichromacy



**Original Color**  
7FFFD9

**Protanopia**  
F1E6CC

**Deuteranopia**  
FFE0E0



**Tritanopia**  
B5F2FF

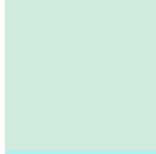
# Trichromacy



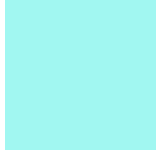
**Original Color**  
7FFFD9



**Protanomaly**  
C8EFD1

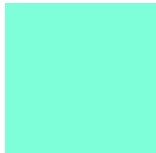


**Deuteranomaly**  
D0EBDD

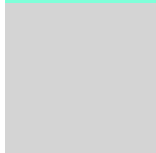


**Tritanomaly**  
A1F7F1

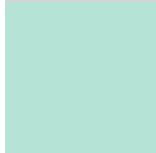
# Monochromacy



**Original Color**  
7FFFD9



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
B5E4D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FFFD9 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 #7FFFD9 looks like.

```
.text, #text, p{  
    color:#7FFFD9  
}
```

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 #7FFFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFFD9
}
```

## Border

The CSS property to change the border of an element to Hex 7FFFD9 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
#7FFFD9 }
```

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

```
.border{ border-color:#7FFFD9 }
```

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

Here you see how a box with a 4 pixel #7FFFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFFD9; -webkit-box-shadow:4px 4px  
4px 4px #7FFFD9; box-shadow:4px 4px 4px  
4px #7FFFD9 }
```

# Background

The CSS property to change the background color of an element to Hex 7FFFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFFD9 }
```

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

```
.background{ background-color:#7FFFD9 }
```

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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