

# Converting Colors

Hex(7DFFD9)

Have a look what the booklet for  
Hex(7DFFD9) contains.

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**Color**

**Hex(7DFFD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DFFD9
RGB	125, 255, 217
RGB Percent	49%, 100%, 85%
CMY	0.5098, 0.0000, 0.1490
CMYK	0.51, 0.00, 0.15, 0.00
HSL	162°, 100%, 75%
HSV	162°, 51%, 100%
XYZ	56.7418, 80.8897, 78.2683
YIQ	211.7980, -65.2820, -39.3780

# Conversions

## Conversions Part 2

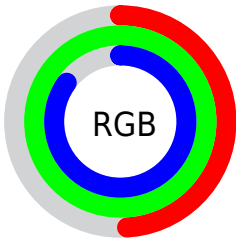
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 201, 255
Decimal	8257497
CIE Lab	92.08, -44.86, 7.19
CIE LCh	92, 45.437, 170.895
Yxy	80.8897, 0.2628, 0.3747
Android (android.graphics.Color)	4286447577 (0xFF7DFFD9)
YUV	211.7980, 2.5646, -76.1218
Hunter-Lab	89.9387, -44.7781, 11.3605

# Details

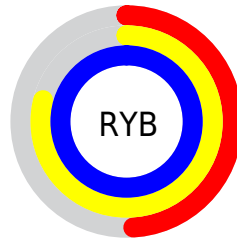
The Hex color **7DFFD9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF7DA3**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **B9FFFF**, and **3DC6A2** is the 20% darker color. If you saturate the color by 10%, you get **64FFD2**, and if you desaturate by 10%, it is **97FFE0**.

# Distribution



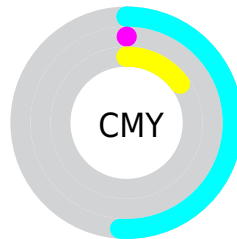
- Red (49%)
- Green (100%)
- Blue (85%)



- Red (49%)
- Yellow (79%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DFFD9 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 7DFFD9 by changing the saturation by 10% instead.



 7DFFD9

FFFFFF

 B9FFFF

 D7FFFF


 F5FFFF

 7DFFD9

 5EE2BD

 3DC6A2

 08AA88

 008F6F

 007456

 005B3F

 004229

 002C15

 000E00

 7DFFD9

 7DFFD9

 64FFD2

 97FFE0

 4AFFCA

 B0FFE8

 31FFC3

 CAFFE7

 17FFBB

 E3FFF7

 00FFB4

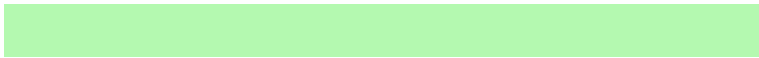
FDFFFE

FFFFFF

# Harmonies

## Analogous

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



B4F9B0



7DFFD9



47FFFF

# Triad

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



7DFFD9



DAE2FF



FFD2A6

# Complementary

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



7DFFD9



FF7DA3

# 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.



FFC8CB



7DFFD9



FFD2FF

# Square

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



7DFFD9



94F1FF



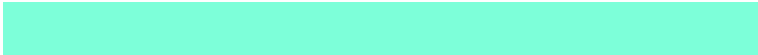
FFC8F7



FFE192

# Rectangle

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



7DFFD9



40DFFF



FFC8F7

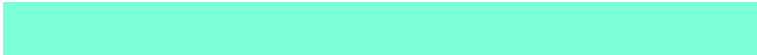


FFCEB1

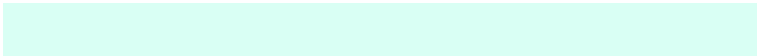


# Sweetspot

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



7DFFD9



D9FFF4



A4FF7D



698079



000000



808080



# Same Dimension

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



7DFFD9



63FFD2



7DE5FF



73807C



00BF87



00402D



# Inverse Universe

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



FF7DA3



FF6391



FF977D



807376



BF0038

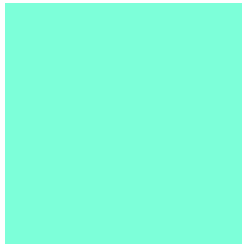


400013



# Previews

## White Background



This preview shows how the Hex color 7DFFD9 looks on a white background.

## Color Contrast Check

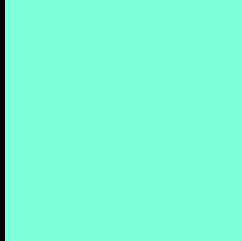
Large Text (above 18pt) WCAG AA × Fail

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 7DFFD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

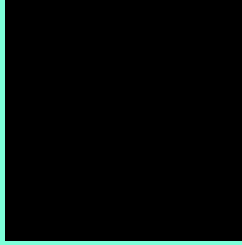
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DFFD9 Background



This preview shows how black text looks on a background with the Hex color 7DFFD9.

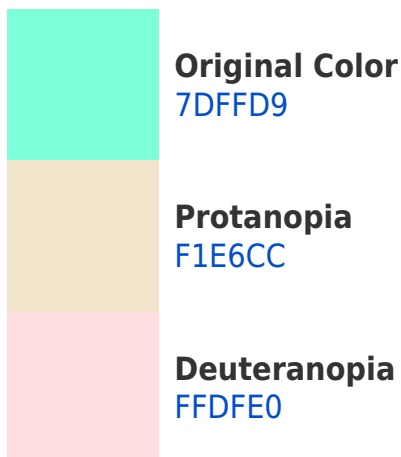


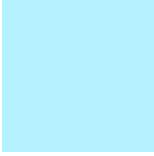
This preview shows how white text looks on a background with the Hex color 7DFFD9.

# 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**  
B4F2FF

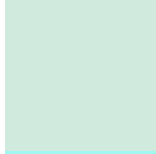
# Trichromacy



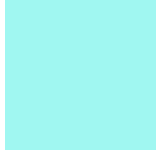
**Original Color**  
7DFFD9



**Protanomaly**  
C7EFD1

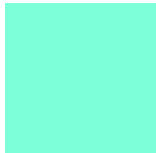


**Deuteranomaly**  
D0EBDD

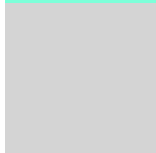


**Tritanomaly**  
A0F7F1

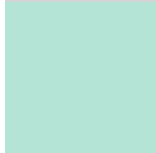
# Monochromacy



**Original Color**  
7DFFD9



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
B4E4D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DFFD9 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 #7DFFD9 looks like.

```
.text, #text, p{  
    color:#7DFFD9  
}
```

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 #7DFFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DFFD9
}
```

## Border

The CSS property to change the border of an element to Hex 7DFFD9 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
#7DFFD9 }
```

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

```
.border{ border-color:#7DFFD9 }
```

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

Here you see how a box with a 4 pixel #7DFFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DFFD9; -webkit-box-shadow:4px 4px  
4px 4px #7DFFD9; box-shadow:4px 4px 4px  
4px #7DFFD9 }
```

# Background

The CSS property to change the background color of an element to Hex 7DFFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DFFD9 }
```

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

```
.background{ background-color:#7DFFD9 }
```

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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