

# Converting Colors

Hex(21FF8D)

Have a look what the booklet for  
Hex(21FF8D) contains.

|  |    |
|--|----|
| <b>Hex(21FF8D)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(21FF8D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 21FF8D                       |
| RGB         | 33, 255, 141                 |
| RGB Percent | 13%, 100%, 55%               |
| CMY         | 0.8706, 0.0000, 0.4471       |
| CMYK        | 0.87, 0.00, 0.45, 0.00       |
| HSL         | 149°, 100%, 56%              |
| HSV         | 149°, 87%, 100%              |
| XYZ         | 41.1949, 73.7664, 37.2665    |
| YIQ         | 175.6260, -95.7180, -82.5180 |

# Conversions

## Conversions Part 2

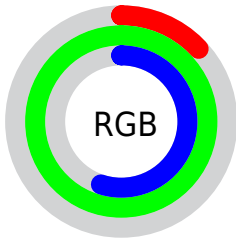
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 33, 182, 255                     |
| Decimal                             | 2228109                          |
| CIELab                              | 88.81, -73.39, 40.81             |
| CIELCh                              | 89, 83.971, 150.921              |
| Yxy                                 | 73.7664, 0.2706,<br>0.4846       |
| Android<br>(android.graphics.Color) | 4280418189<br>(0xFF21FF8D)       |
| YUV                                 | 175.6260, -17.0706,<br>-125.0830 |
| Hunter-Lab                          | 85.8874, -64.6874,<br>34.3953    |

# Details

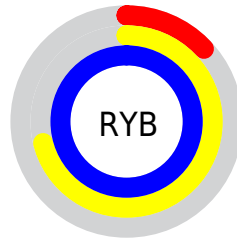
The Hex color **21FF8D** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF2193**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7BFFC4**, and **00C559** is the 20% darker color. If you saturate the color by 10%, you get **08FF80**, and if you desaturate by 10%, it is **3AFF9A**.

# Distribution



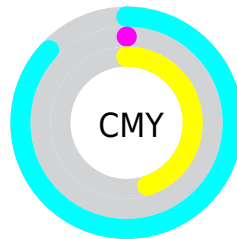
- Red (13%)
- Green (100%)
- Blue (55%)



- Red (13%)
- Yellow (71%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21FF8D 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 21FF8D by changing the saturation by 10% instead.



 21FF8D

 21FF8D

FFFFFF

 00E273

 7BFFC4

 00C559

 9CFFE0

 00A83F

 BDFFFD

 008D26

 DDFFFF

 007208

 FDDFFF

 005700

 003E00

 002500

 000000

■ 21FF8D

■ 21FF8D

■ 08FF80

■ 3AFF9A

■ 00FF7C

■ 54FFA7

■ 6DFFB4

■ 87FFC1

■ A1FFCE

■ BAFFDC

■ D3FFE9

■ EDFFF6

FFFFFF

# Harmonies

## Analogous

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



B5F247



21FF8D



00FFDF

# Triad

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



21FF8D



00E7FF



FF9E91

# Complementary

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



21FF8D



FF2193

# 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.



FF91E0



21FF8D



E2C9FF

# Square

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



21FF8D



00FBFF



FFA5FF



FFBD4F

# Rectangle

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



21FF8D



00FFFF



FFA5FF



FF96AB

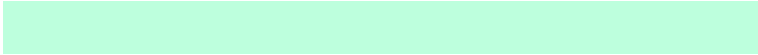


# Sweetspot

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



21FF8D



BDFDDB



94FF21



58806B



000000



808080



# Same Dimension

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



21FF8D



00FF7C



21FFFB



738079



00BF5D



00401F



# Inverse Universe

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



FF2193



FF0083



FF2125



807379



BF0062

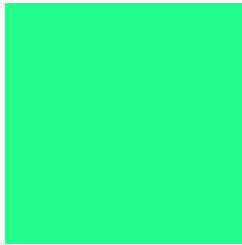


400021



# Previews

## White Background



This preview shows how the Hex color 21FF8D 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 21FF8D 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 21FF8D Background



This preview shows how black text looks on a background with the Hex color 21FF8D.

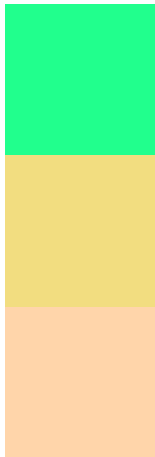


This preview shows how white text looks on a background with the Hex color 21FF8D.

# 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](#).

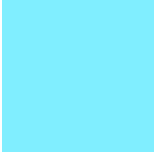
## Dichromacy



**Original Color**  
21FF8D

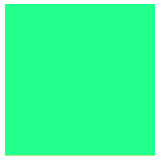
**Protanopia**  
F2DD80

**Deuteranopia**  
FFD5AA



**Tritanopia**  
80EEFF

# Trichromacy



**Original Color**  
21FF8D



**Protanomaly**  
A6E985



**Deuteranomaly**  
AEE49F

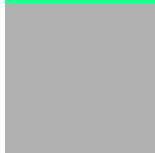


**Tritanomaly**  
5DF4D6

# Monochromacy



**Original Color**  
21FF8D



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
7CCDA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21FF8D 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 #21FF8D looks like.

```
.text, #text, p{  
    color:#21FF8D  
}
```

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 #21FF8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21FF8D
}
```

## Border

The CSS property to change the border of an element to Hex 21FF8D 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
#21FF8D }
```

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

```
.border{ border-color:#21FF8D }
```

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

Here you see how a box with a 4 pixel #21FF8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21FF8D; -webkit-box-shadow:4px 4px  
4px 4px #21FF8D; box-shadow:4px 4px 4px  
4px #21FF8D }
```

# Background

The CSS property to change the background color of an element to Hex 21FF8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21FF8D }
```

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

```
.background{ background-color:#21FF8D }
```

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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