

# Converting Colors

Hex(21FDA6)

Have a look what the booklet for  
Hex(21FDA6) contains.

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**Color**

**Hex(21FDA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21FDA6
RGB	33, 253, 166
RGB Percent	13%, 99%, 65%
CMY	0.8706, 0.0078, 0.3490
CMYK	0.87, 0.00, 0.34, 0.01
HSL	156°, 98%, 56%
HSV	156°, 87%, 99%
XYZ	42.6354, 73.3271, 47.9828
YIQ	177.3020, -103.1930, -73.6970

# Conversions

## Conversions Part 2

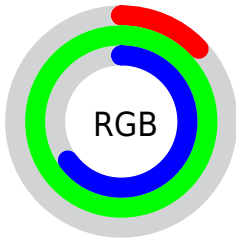
Format	Color
<b>RYB</b>	33, 170, 253
Decimal	2227622
CIELab	88.60, -68.13, 28.15
CIELCh	89, 73.716, 157.547
Yxy	73.3271, 0.2601, 0.4473
Android (android.graphics.Color)	4280417702 (0xFF21FDA6)
YUV	177.3020, -5.5719, -126.5529
Hunter-Lab	85.6312, -60.9803, 26.7191

# Details

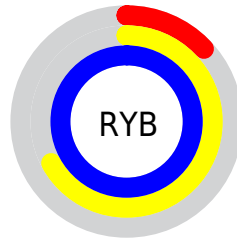
The Hex color **21FDA6** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FD2178**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7AFFDD**, and **00C371** is the 20% darker color. If you saturate the color by 10%, you get **08FD9C**, and if you desaturate by 10%, it is **3AFDB0**.

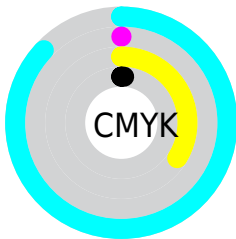
# Distribution



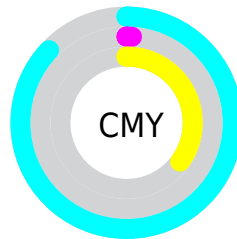
- Red (13%)
- Green (99%)
- Blue (65%)



- Red (13%)
- Yellow (67%)
- Blue (99%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (1%)



- Cyan (87%)
- Magenta (1%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21FDA6 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 21FDA6 by changing the saturation by 10% instead.



 21FDA6

 21FDA6

FFFFFF

 00E08B

 7AFFDD

 00C371

 9CFFFA

 00A758

 BCFFFF

 008B40

 DCFFFF

 007029

 FCFFFF

 005612

 003D00

 002400

 000000

 21FDA6

 21FDA6

 08FD9C

 3AFDB0

 00FD99

 54FDBA

 6DFDC4

 86FDCE

 9FFDD8

 B9FDE2

 D2FDEC

 EBFDF6

 FFFDFF

# Harmonies

## Analogous

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



A9F368



21FDA6



00FFEF

# Triad

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



21FDA6



74E0FF



FFAD8C

# Complementary

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



21FDA6



FD2178

# 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.



FF9ECF



21FDA6



FAC4FF

# Square

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



21FDA6



00F4FF



FFA9FF



FFC759

# Rectangle

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



21FDA6



00FFFF



FFA9FF



FFA6A1

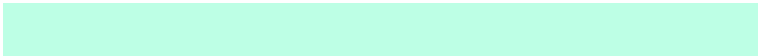


# Sweetspot

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



21FDA6



BDFFE5



79FD21



588070



000000



808080



# Same Dimension

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



21FDA6



00FF9A



21E7FD



73807A



00BF74



004027



# Inverse Universe

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



FD2178



FF0065



FD3721



807378



BF004C

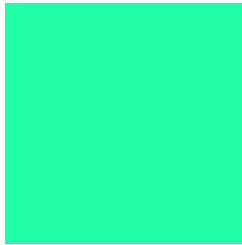


400019



# Previews

## White Background



This preview shows how the Hex color 21FDA6 looks on a white background.

## Color Contrast Check

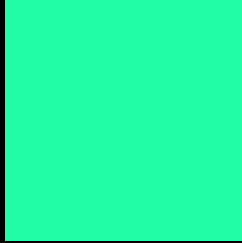
Large Text (above 18pt) WCAG AA × Fail

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 21FDA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

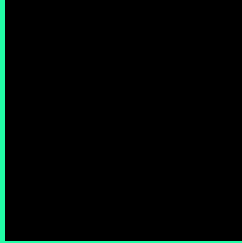
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21FDA6 Background



This preview shows how black text looks on a background with the Hex color 21FDA6.

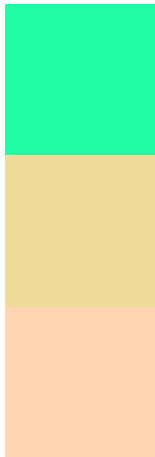


This preview shows how white text looks on a background with the Hex color 21FDA6.

# 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](#).

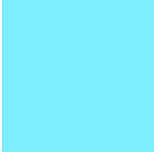
## Dichromacy



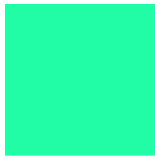
**Original Color**  
21FDA6

**Protanopia**  
EEDC98

**Deuteranopia**  
FFD4B2



# Trichromacy



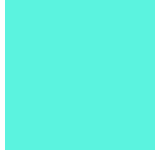
**Original Color**  
21FDA6



**Protanomaly**  
A3E89D



**Deuteranomaly**  
AEE3AE

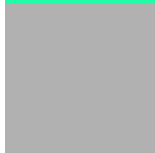


**Tritanomaly**  
5BF3DF

# Monochromacy



**Original Color**  
21FDA6



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
7DCDAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21FDA6 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 #21FDA6 looks like.

```
.text, #text, p{  
    color:#21FDA6  
}
```

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 #21FDA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21FDA6
}
```

## Border

The CSS property to change the border of an element to Hex 21FDA6 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
#21FDA6 }
```

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

```
.border{ border-color:#21FDA6 }
```

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

Here you see how a box with a 4 pixel #21FDA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21FDA6; -webkit-box-shadow:4px 4px  
4px 4px #21FDA6; box-shadow:4px 4px 4px  
4px #21FDA6 }
```

# Background

The CSS property to change the background color of an element to Hex 21FDA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21FDA6 }
```

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

```
.background{ background-color:#21FDA6 }
```

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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