

# Converting Colors

Hex(22FFA6)

Have a look what the booklet for  
Hex(22FFA6) contains.

|                                                |    |
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**Color**

**Hex(22FFA6)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 22FFA6                        |
| RGB         | 34, 255, 166                  |
| RGB Percent | 13%, 100%, 65%                |
| CMY         | 0.8667, 0.0000, 0.3490        |
| CMYK        | 0.87, 0.00, 0.35, 0.00        |
| HSL         | 156°, 100%, 57%               |
| HSV         | 156°, 87%, 100%               |
| XYZ         | 43.3026, 74.6133, 48.1959     |
| YIQ         | 178.7750, -103.1470, -74.5310 |

# Conversions

## Conversions Part 2

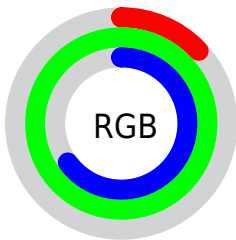
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 34, 172, 255                    |
| Decimal                             | 2293670                         |
| CIELab                              | 89.21, -68.76, 28.98            |
| CIELCh                              | 89, 74.619, 157.149             |
| Yxy                                 | 74.6133, 0.2607,<br>0.4492      |
| Android<br>(android.graphics.Color) | 4280483750<br>(0xFF22FFA6)      |
| YUV                                 | 178.7750, -6.2981,<br>-126.9677 |
| Hunter-Lab                          | 86.3790, -61.6794,<br>27.3839   |

# Details

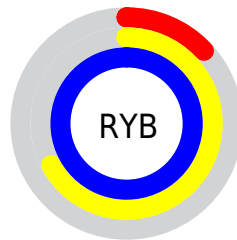
The Hex color **22FFA6** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF227B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **7BFFDE**, and **00C571** is the 20% darker color. If you saturate the color by 10%, you get **08FF9C**, and if you desaturate by 10%, it is **3BFFB0**.

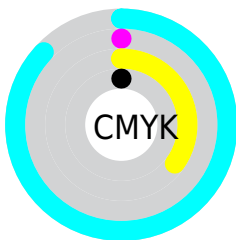
# Distribution



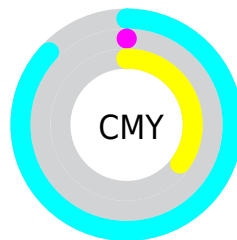
- Red (13%)
- Green (100%)
- Blue (65%)



- Red (13%)
- Yellow (67%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22FFA6 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 22FFA6 by changing the saturation by 10% instead.



 22FFA6

FFFFFF

 7BFFDE

 9DFFFA

 BDFFFF

 DDFFFF

 FDFFFF

 22FFA6

 00E28B

 00C571

 00A958

 008D40

 007229

 005811

 003F00

 002600

 000000

 22FFA6

 22FFA6

 08FF9C

 3BFFB0

 00FF98

 55FFBB

 6EFFC5

 88FFCF

 A2FFD9

 BBFFE4

 D4FFEE

 EEEFF8

FFFFFF

# Harmonies

## Analogous

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



ABF468



22FFA6



00FF0

# Triad

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



22FFA6



71E2FF



FFAD8E

# Complementary

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



22FFA6



FF227B

# 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.



FF9FD2



22FFA6



FAC6FF

# Square

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



22FFA6



00F6FF



FFAAFF



FFC859

# Rectangle

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



22FFA6



00FFFF



FFAAFF



FFA6A3

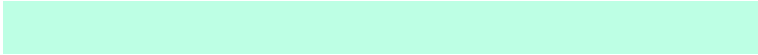


# Sweetspot

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



22FFA6



BDFFE4



7EFF22



588070



000000



808080



# Same Dimension

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



22FFA6



00FF98



22EDFF



73807A



00BF72



004026



# Inverse Universe

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



FF227B



FF0067



FF3422



807378



BF004D

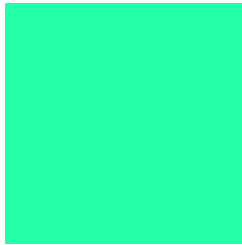


40001A



# Previews

## White Background



This preview shows how the Hex color 22FFA6 looks on a white background.

## Color Contrast Check

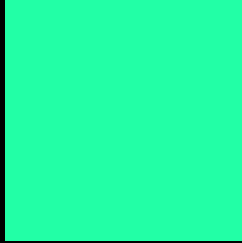
Large Text (above 18pt) WCAG AA × Fail

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 22FFA6 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 22FFA6 Background



This preview shows how black text looks on a background with the Hex color 22FFA6.

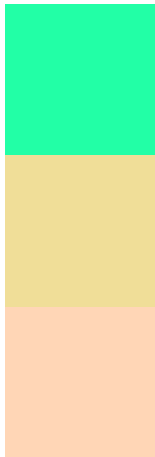


This preview shows how white text looks on a background with the Hex color 22FFA6.

# 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](#).

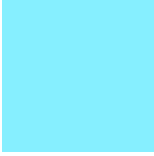
## Dichromacy



**Original Color**  
22FFA6

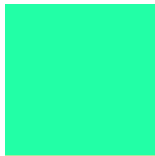
**Protanopia**  
F0DE98

**Deuteranopia**  
FFD6B6



**Tritanopia**  
86EFFF

# Trichromacy



**Original Color**  
22FFA6



**Protanomaly**  
A5EA9D



**Deuteranomaly**  
AFE5B0

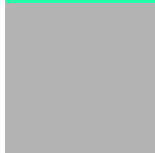


**Tritanomaly**  
62F5DF

# Monochromacy



**Original Color**  
22FFA6



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
7ECFAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22FFA6 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 #22FFA6 looks like.

```
.text, #text, p{  
    color:#22FFA6  
}
```

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 #22FFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22FFA6
}
```

## Border

The CSS property to change the border of an element to Hex 22FFA6 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
#22FFA6 }
```

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

```
.border{ border-color:#22FFA6 }
```

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

Here you see how a box with a 4 pixel #22FFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22FFA6; -webkit-box-shadow:4px 4px  
4px 4px #22FFA6; box-shadow:4px 4px 4px  
4px #22FFA6 }
```

# Background

The CSS property to change the background color of an element to Hex 22FFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22FFA6 }
```

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

```
.background{ background-color:#22FFA6 }
```

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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