

Converting Colors

Hex(2FFA88)

Have a look what the booklet for
Hex(2FFA88) contains.

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Color

Hex(2FFA88)

Conversions

Conversions Part 1

Format	Color
Hex	2FFA88
RGB	47, 250, 136
RGB Percent	18%, 98%, 53%
CMY	0.8157, 0.0196, 0.4667
CMYK	0.81, 0.00, 0.46, 0.02
HSL	146°, 95%, 58%
HSV	146°, 81%, 98%
XYZ	39.8018, 70.7531, 34.8515
YIQ	176.3070, -84.3940, -78.4900

Conversions

Conversions Part 2

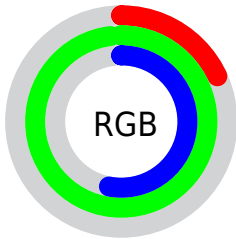
Format	Color
RYB	47, 188, 250
Decimal	3144328
CIELab	87.36, -71.46, 41.41
CIElCh	87, 82.592, 149.912
Yxy	70.7531, 0.2737, 0.4866
Android (android.graphics.Color)	4281334408 (0xFF2FFA88)
YUV	176.3070, -19.8714, -113.4022
Hunter-Lab	84.1149, -62.7377, 34.3147

Details

The Hex color **2FFA88** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FA2FA1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7FFFBF**, and **00C054** is the 20% darker color. If you saturate the color by 10%, you get **16FA7A**, and if you desaturate by 10%, it is **48FA96**.

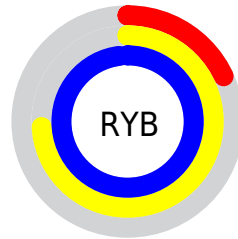
Distribution



Red (18%)

Green (98%)

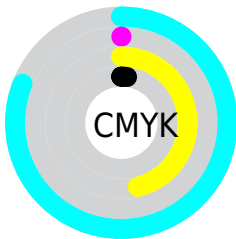
Blue (53%)



Red (18%)

Yellow (74%)

Blue (98%)

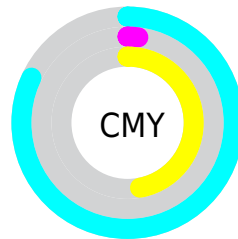


Cyan (81%)

Magenta (0%)

Yellow (46%)

Black (2%)



Cyan (82%)

Magenta (2%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FFA88 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 2FFA88 by changing the saturation by 10% instead.

 2FFA88

FFFFFF

 7FFFBF

 A0FFDB

 C0FFF8

 E0FFFF

 2FFA88

 00DD6E

 00C054

 00A43B


 008821

 006D02

 005300

 003B00

 002100

 000000

 2FFA88

 2FFA88

 16FA7A

 48FA96

 00FA6E

 61FAA4

 7AFAB2

 93FAC0

 ACFACE

 C5FADC

 DEFAEA

 F7FAF8

 FFFAFF

Harmonies

Analogous

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



B4ED44



2FFA88



00FFD8

Triad

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



2FFA88



00E4FF



FF9A91

Complementary

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



2FFA88



FA2FA1

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.



FF8FDE



2FFA88



D9C6FF

Square

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



2FFA88



00F7FF



FFA4FF



FFB950

Rectangle

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



2FFA88



00FFFF



FFA4FF



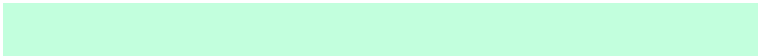
FF93AA

Sweetspot

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



2FFA88



C2FFDD



A2FA2F



5B806B



000000



808080

Same Dimension

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



2FFA88



08FF74



2FFAEC



707D76



00BD53



003D1B

Inverse Universe

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



FA2FA1



FF0893



FA2F3D



7D7077



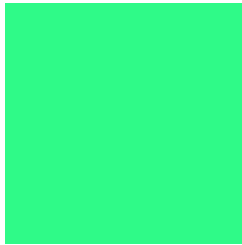
BD006A



3D0022

Previews

White Background



This preview shows how the Hex color 2FFA88 looks on a white background.

Color Contrast Check

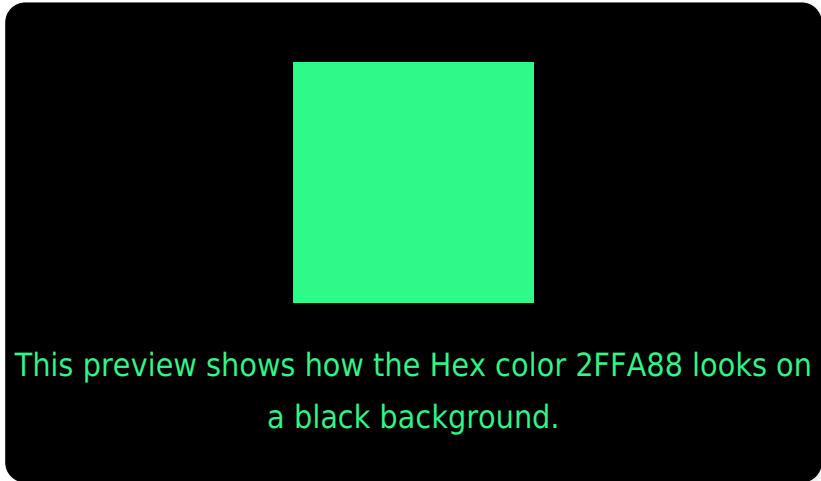
Large Text (above 18pt) WCAG AA × Fail

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

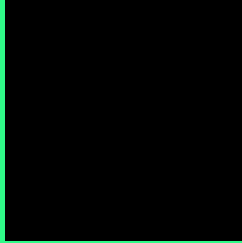
Any Text WCAG AA ✓ Pass

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 2FFA88 Background



This preview shows how black text looks on a background with the Hex color 2FFA88.

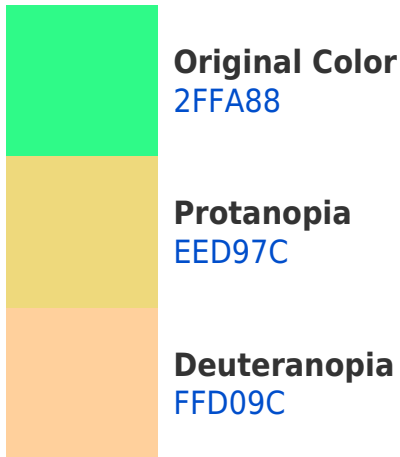


This preview shows how white text looks on a background with the Hex color 2FFA88.

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
6AECFF

Trichromacy



Original Color
2FFA88



Protanomaly
A9E580



Deuteranomaly
B3DF95



Tritanomaly
55F1D4

Monochromacy



Original Color
2FFA88



Achromatopsia
B0B0B0



Achromatomaly
81CBA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FFA88 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 #2FFA88 looks like.

```
.text, #text, p{  
    color:#2FFA88  
}
```

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 #2FFA88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FFA88
}
```

Border

The CSS property to change the border of an element to Hex 2FFA88 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
#2FFA88 }
```

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

```
.border{ border-color:#2FFA88 }
```

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

Here you see how a box with a 4 pixel #2FFA88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FFA88; -webkit-box-shadow:4px 4px  
4px 4px #2FFA88; box-shadow:4px 4px 4px  
4px #2FFA88 }
```

Background

The CSS property to change the background color of an element to Hex 2FFA88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FFA88 }
```

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

```
.background{ background-color:#2FFA88 }
```

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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