

Converting Colors

Hex(2FFF95)

Have a look what the booklet for
Hex(2FFF95) contains.

Hex(2FFF95)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2FFF95)

Conversions

Conversions Part 1

Format	Color
Hex	2FFF95
RGB	47, 255, 149
RGB Percent	18%, 100%, 58%
CMY	0.8157, 0.0000, 0.4157
CMYK	0.82, 0.00, 0.42, 0.00
HSL	149°, 100%, 59%
HSV	149°, 82%, 100%
XYZ	42.3571, 74.2943, 40.5415
YIQ	180.7240, -89.9420, -77.0620

Conversions

Conversions Part 2

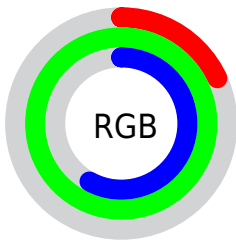
Format	Color
RYB	47, 187, 255
Decimal	3145621
CIELab	89.06, -70.94, 37.26
CIELCh	89, 80.125, 152.291
Yxy	74.2943, 0.2695, 0.4726
Android (android.graphics.Color)	4281335701 (0xFF2FFF95)
YUV	180.7240, -15.6399, -117.2759
Hunter-Lab	86.1941, -63.1221, 32.4487

Details

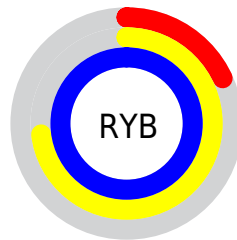
The Hex color **2FFF95** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF2F99**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **80FFCC**, and **00C561** is the 20% darker color. If you saturate the color by 10%, you get **16FF88**, and if you desaturate by 10%, it is **49FFA2**.

Distribution



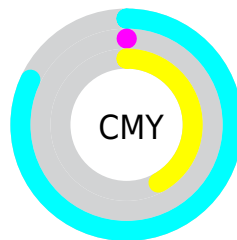
- Red (18%)
- Green (100%)
- Blue (58%)



- Red (18%)
- Yellow (73%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FFF95 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 2FFF95 by changing the saturation by 10% instead.

 2FFF95

 2FFF95

FFFFFF

 00E27B

 80FFCC

 00C561

 A1FFE9

 00A848

 C2FFFF

 008D2F

 E1FFFF

 007215

 005800

 003F00

 002500

 000000

 2FFF95

 2FFF95

 16FF88

 49FFA2

 00FF7D

 62FFAF

 7CFFBC

 95FFC9

 AFFFD6

 C8FFE3

 E2FFF0

 FBFFFD

FFFFFF

Harmonies

Analogous

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



B4F353



2FFF95



00FE3

Triad

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



2FFF95



00E7FF



FFA492

Complementary

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



2FFF95



FF2F99

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.



FF97DD



2FFF95



E9C9FF

Square

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



2FFF95



00FAFF



FFA8FF



FFC155

Rectangle

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



2FFF95



00FFFF



FFA8FF



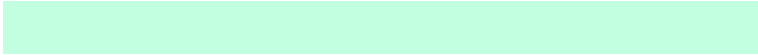
FF9CAA

Sweetspot

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



2FFF95



C2FFE0



9AFF2F



5B806D



000000



808080

Same Dimension

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



2FFF95



05FF80



2FFFFC



738079



00BF5E



00401F

Inverse Universe

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



FF2F99



FF0584



FF2F32



807379



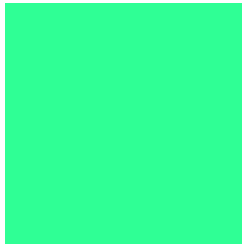
BF0061



400020

Previews

White Background



This preview shows how the Hex color 2FFF95 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 2FFF95 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

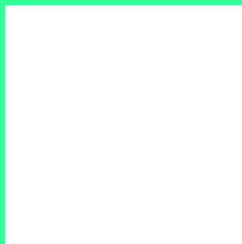
Any Text WCAG AAA ✓ Pass

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

Hex 2FFF95 Background



This preview shows how black text looks on a background with the Hex color 2FFF95.

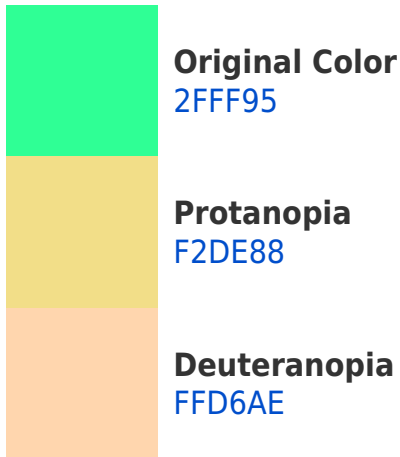


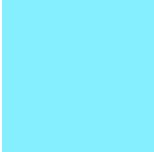
This preview shows how white text looks on a background with the Hex color 2FFF95.

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](#).

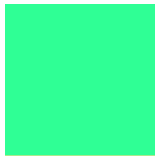
Dichromacy





Tritanopia
85EEFF

Trichromacy



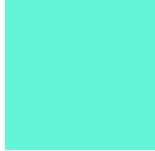
Original Color
2FFF95



Protanomaly
ABEA8D



Deuteranomaly
B3E5A5

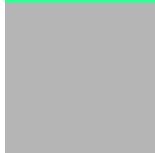


Tritanomaly
66F4D8

Monochromacy



Original Color
2FFF95



Achromatopsia
B5B5B5



Achromatomaly
84D0A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FFF95 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 #2FFF95 looks like.

```
.text, #text, p{  
    color:#2FFF95  
}
```

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 #2FFF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FFF95
}
```

Border

The CSS property to change the border of an element to Hex 2FFF95 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
#2FFF95 }
```

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

```
.border{ border-color:#2FFF95 }
```

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

Here you see how a box with a 4 pixel #2FFF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FFF95; -webkit-box-shadow:4px 4px  
4px 4px #2FFF95; box-shadow:4px 4px 4px  
4px #2FFF95 }
```

Background

The CSS property to change the background color of an element to Hex 2FFF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FFF95 }
```

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

```
.background{ background-color:#2FFF95 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor