

# Converting Colors

Hex(2AFF98)

Have a look what the booklet for  
Hex(2AFF98) contains.

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# Color

Hex(2AFF98)

# Conversions

## Conversions Part 1

Format	Color
Hex	2AFF98
RGB	42, 255, 152
RGB Percent	16%, 100%, 60%
CMY	0.8353, 0.0000, 0.4039
CMYK	0.84, 0.00, 0.40, 0.00
HSL	151°, 100%, 58%
HSV	151°, 84%, 100%
XYZ	42.3823, 74.2792, 41.8093
YIQ	179.5710, -93.8850, -77.1890

# Conversions

## Conversions Part 2

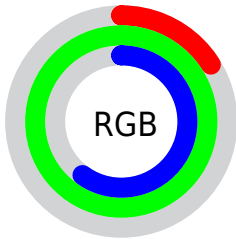
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 182, 255
Decimal	2817944
CIELab	89.05, -70.83, 35.76
CIELCh	89, 79.346, 153.212
Yxy	74.2792, 0.2674, 0.4687
Android (android.graphics.Color)	4281008024 (0xFF2AFF98)
YUV	179.5710, -13.5925, -120.6498
Hunter-Lab	86.1854, -63.0457, 31.5677

# Details

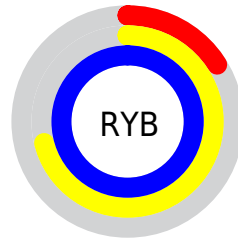
The Hex color **2AFF98** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF2A91**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **7EFFCF**, and **00C564** is the 20% darker color. If you saturate the color by 10%, you get **10FF8C**, and if you desaturate by 10%, it is **43FFA4**.

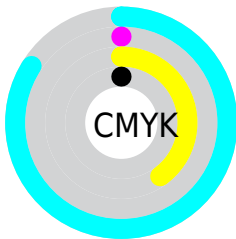
# Distribution



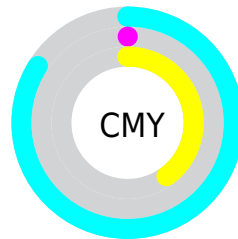
- Red (16%)
- Green (100%)
- Blue (60%)



- Red (16%)
- Yellow (71%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2AFF98 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 2AFF98 by changing the saturation by 10% instead.



 2AFF98

FFFFFF

 7EFFCF

 9FFFE0

 C0FFFF

 E0FFFF

 2AFF98

 00E27D

 00C564

 00A84B

 008D32

 007219

 005800

 003F00

 002500

 000000

 2AFF98

 2AFF98

 10FF8C

 43FFA4

 00FF84

 5DFFB1

 77FFBD

 90FFC9

 AAFFD6

 C3FFE2

 DDFTEE

 F6FFF6

FFFFFF

# Harmonies

## Analogous

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



B2F357



2AFF98



00FE6

# Triad

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



2AFF98



23E6FF



FFA591

# Complementary

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



2AFF98



FF2A91

# 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.



FF98DB



2AFF98



ECC8FF

# Square

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



2AFF98



00F9FF



FFA8FF



FFC255

# Rectangle

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



2AFF98



00FFFF



FFA8FF



FF9EA8

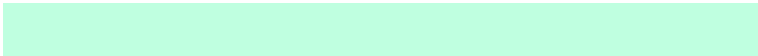


# Sweetspot

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



2AFF98



BFFFE0



94FF2A



59806D



000000



808080



# Same Dimension

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



2AFF98



00FF84



2AFFFF



738079



00BF63



004021



# Inverse Universe

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



FF2A91



FF007B



FF2A2A



807379



BF005C

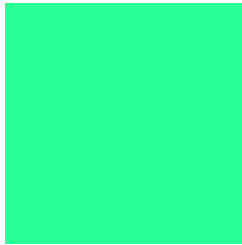


40001F



# Previews

## White Background



This preview shows how the Hex color 2AFF98 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 2AFF98 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

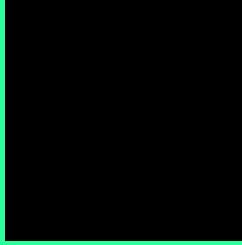
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2AFF98 Background



This preview shows how black text looks on a background with the Hex color 2AFF98.

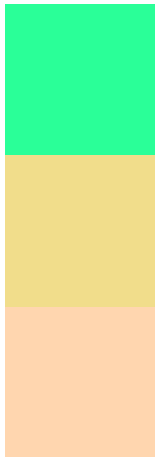


This preview shows how white text looks on a background with the Hex color 2AFF98.

# 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](#).

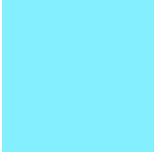
## Dichromacy



**Original Color**  
2AFF98

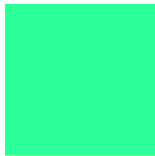
**Protanopia**  
F1DD8B

**Deuteranopia**  
FFD6AF



**Tritanopia**  
84EFFF

# Trichromacy



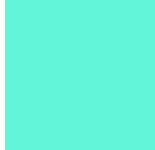
**Original Color**  
2AFF98



**Protanomaly**  
A9E990



**Deuteranomaly**  
B2E5A7

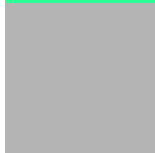


**Tritanomaly**  
63F5DA

# Monochromacy



**Original Color**  
2AFF98



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
82CFAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2AFF98 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 #2AFF98 looks like.

```
.text, #text, p{  
    color:#2AFF98  
}
```

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 #2AFF98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AFF98
}
```

## Border

The CSS property to change the border of an element to Hex 2AFF98 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
#2AFF98 }
```

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

```
.border{ border-color:#2AFF98 }
```

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

Here you see how a box with a 4 pixel #2AFF98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AFF98; -webkit-box-shadow:4px 4px  
4px 4px #2AFF98; box-shadow:4px 4px 4px  
4px #2AFF98 }
```

# Background

The CSS property to change the background color of an element to Hex 2AFF98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AFF98 }
```

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

```
.background{ background-color:#2AFF98 }
```

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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