

# Converting Colors

Hex(2AF6F6)

Have a look what the booklet for  
Hex(2AF6F6) contains.

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# **Color**

**Hex(2AF6F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AF6F6
RGB	42, 246, 246
RGB Percent	16%, 96%, 96%
CMY	0.8353, 0.0353, 0.0353
CMYK	0.83, 0.00, 0.00, 0.04
HSL	180°, 92%, 56%
HSV	180°, 83%, 96%
XYZ	50.5452, 73.0576, 98.6263
YIQ	185.0040, -121.5840, -43.2480

# Conversions

## Conversions Part 2

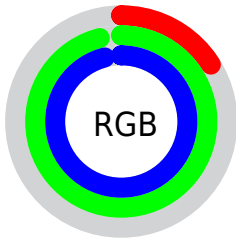
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 144, 246
Decimal	2815734
CIELab	88.48, -45.24, -13.38
CIELCh	88, 47.173, 196.480
Yxy	73.0576, 0.2274, 0.3287
Android (android.graphics.Color)	4281005814 (0xFF2AF6F6)
YUV	185.0040, 30.0710, -125.4145
Hunter-Lab	85.4737, -44.0225, -8.5818

# Details

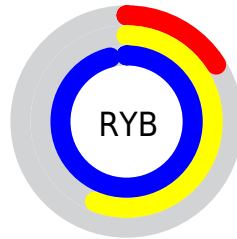
The Hex color **2AF6F6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F62A2A**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **81FFFF**, and **00BDBE** is the 20% darker color. If you saturate the color by 10%, you get **11F6F6**, and if you desaturate by 10%, it is **43F6F6**.

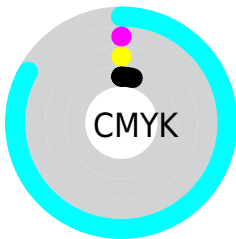
# Distribution



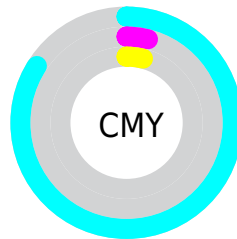
- Red (16%)
- Green (96%)
- Blue (96%)



- Red (16%)
- Yellow (56%)
- Blue (96%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (84%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2AF6F6 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 2AF6F6 by changing the saturation by 10% instead.



 2AF6F6

 2AF6F6

FFFFFF

 00D9DA

 81FFFF

 00BDBE

 A3FFFF

 00A1A3

 C3FFFF

 008689

 E4FFFF

 006C6F

 005357

 003B40

 00252A

 000116

 2AF6F6

 2AF6F6

 11F6F6

 43F6F6

 00F6F6

 5BF6F6

 74F6F6

 8CF6F6

 A5F6F6

 BEF6F6

 D6F6F6

 EFF6F6

 FFF6F6

# Harmonies

## Analogous

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



75F5C8



2AF6F6



13F2FF

# Triad

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



2AF6F6



FFC9FF



FFD487

# Complementary

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



2AF6F6



F62A2A

# 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.



FFC59F



2AF6F6



FFBDF4

# Square

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



2AF6F6



C5DAFF



FFBCC7



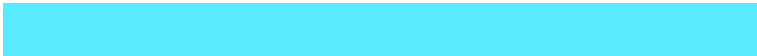
E3E386

# Rectangle

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



2AF6F6



59ECFF



FFBCC7



FFCF8C



# Sweetspot

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



2AF6F6



BFFFFFF



2AF62A



598080



000000



808080



# Same Dimension

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



2AF6F6



00FFFF



2A90F6



6E7A7A



00BABA



003B3B



# Inverse Universe

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



F62AF6



FF00FF



F6902A



7A6E7A



BA00BA

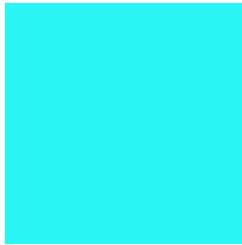


3B003B



# Previews

## White Background



This preview shows how the Hex color 2AF6F6 looks on a white background.

## Color Contrast Check

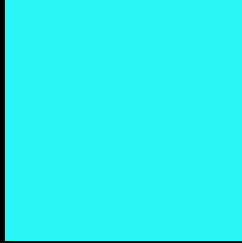
Large Text (above 18pt) WCAG AA × Fail

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 2AF6F6 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 2AF6F6 Background



This preview shows how black text looks on a background with the Hex color 2AF6F6.

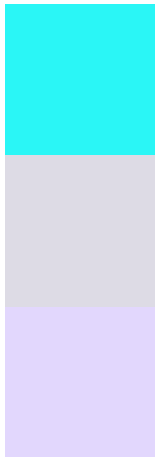


This preview shows how white text looks on a background with the Hex color 2AF6F6.

# 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](#).

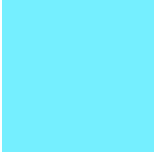
## Dichromacy



**Original Color**  
2AF6F6

**Protanopia**  
DDDBE5

**Deuteranopia**  
E2D7FD



**Tritanopia**  
75EFFF

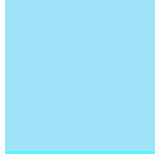
# Trichromacy



**Original Color**  
2AF6F6



**Protanomaly**  
9CE5EB



**Deuteranomaly**  
9FE2FA

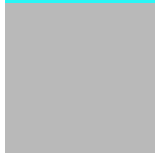


**Tritanomaly**  
5AF2FC

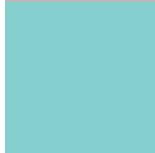
# Monochromacy



**Original Color**  
2AF6F6



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
85CFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2AF6F6 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 #2AF6F6 looks like.

```
.text, #text, p{  
    color:#2AF6F6  
}
```

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 #2AF6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AF6F6
}
```

## Border

The CSS property to change the border of an element to Hex 2AF6F6 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
#2AF6F6 }
```

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

```
.border{ border-color:#2AF6F6 }
```

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

Here you see how a box with a 4 pixel #2AF6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AF6F6; -webkit-box-shadow:4px 4px  
4px 4px #2AF6F6; box-shadow:4px 4px 4px  
4px #2AF6F6 }
```

# Background

The CSS property to change the background color of an element to Hex 2AF6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AF6F6 }
```

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

```
.background{ background-color:#2AF6F6 }
```

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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