

Converting Colors

Hex(2AF6D2)

Have a look what the booklet for
Hex(2AF6D2) contains.

Hex(2AF6D2)	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(2AF6D2)

Conversions

Conversions Part 1

Format	Color
Hex	2AF6D2
RGB	42, 246, 210
RGB Percent	16%, 96%, 82%
CMY	0.8353, 0.0353, 0.1765
CMYK	0.83, 0.00, 0.15, 0.04
HSL	169°, 92%, 56%
HSV	169°, 83%, 96%
XYZ	45.5435, 71.0569, 72.2877
YIQ	180.9000, -110.0280, -54.4440

Conversions

Conversions Part 2

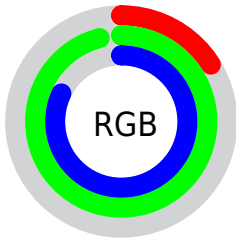
Format	Color
R _Y B	42, 154, 246
Decimal	2815698
CIE Lab	87.51, -54.91, 4.00
CIE LCh	88, 55.060, 175.838
Yxy	71.0569, 0.2411, 0.3762
Android (android.graphics.Color)	4281005778 (0xFF2AF6D2)
YUV	180.9000, 14.3463, -121.8153
Hunter-Lab	84.2953, -51.0758, 8.1623

Details

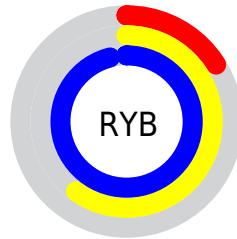
The Hex color **2AF6D2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F62A4E**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **7EFFFF**, and **00BD9C** is the 20% darker color. If you saturate the color by 10%, you get **11F6CE**, and if you desaturate by 10%, it is **43F6D6**.

Distribution



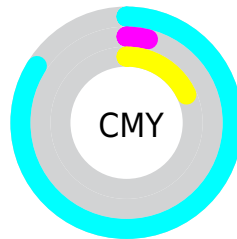
- Red (16%)
- Green (96%)
- Blue (82%)



- Red (16%)
- Yellow (60%)
- Blue (96%)



- Cyan (83%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (84%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AF6D2 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 2AF6D2 by changing the saturation by 10% instead.

 2AF6D2

 2AF6D2

FFFFFF

 00D9B6


 7EFFFF

 00BD9C

 9FFFFFF

 00A182

 BFFFFFF

 008669

 DFFFFFF

 006B50

 00523A

 003924

 00220F

 000000

 2AF6D2

 2AF6D2

 11F6CE

 43F6D6

 00F6CB

 5BF6DB

 74F6DF

 8CF6E3

 A5F6E8

 BEF6EC

 D6F6F0

 EFF6F5

 FFF6F9

Harmonies

Analogous

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



8FF19F



2AF6D2



00F6FF

Triad

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



2AF6D2



D5D0FF



FFC386

Complementary

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



2AF6D2



F62A4E

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.



FFB4B1



2AF6D2



FFBDFD

Square

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



2AF6D2



74E3FF



FFB1E5



FFD671

Rectangle

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



2AF6D2



00F2FF



FFB1E5



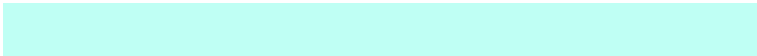
FFBD92

Sweetspot

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



2AF6D2



BFFFF4



4FF62A



598079



000000



808080

Same Dimension

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



2AF6D2



00FFD2



2AB5F6



6E7A78



00BA99



003B30

Inverse Universe

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



F62A4E



FF002D



F66B2A



7A6E70



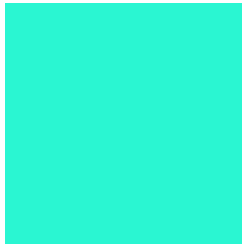
BA0021



3B000A

Previews

White Background



This preview shows how the Hex color 2AF6D2 looks on a white background.

Color Contrast Check

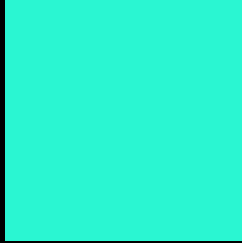
Large Text (above 18pt) WCAG AA × Fail

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 2AF6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

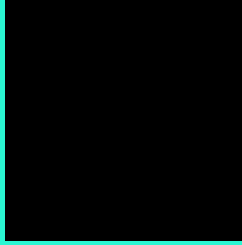
Any Text WCAG AA ✓ Pass

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 2AF6D2 Background



This preview shows how black text looks on a background with the Hex color 2AF6D2.

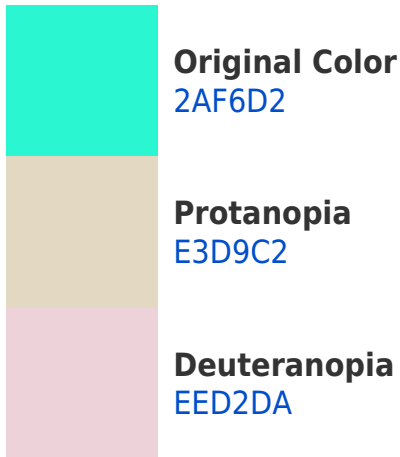


This preview shows how white text looks on a background with the Hex color 2AF6D2.

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



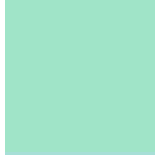


Tritanopia
66EDFF

Trichromacy



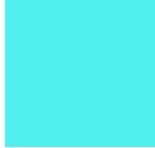
Original Color
2AF6D2



Protanomaly
A0E4C8



Deuteranomaly
A7DFD7

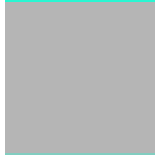


Tritanomaly
50F0EF

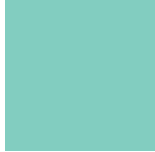
Monochromacy



Original Color
2AF6D2



Achromatopsia
B5B5B5



Achromatomaly
82CDC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AF6D2 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 #2AF6D2 looks like.

```
.text, #text, p{  
    color:#2AF6D2  
}
```

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 #2AF6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AF6D2
}
```

Border

The CSS property to change the border of an element to Hex 2AF6D2 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
#2AF6D2 }
```

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

```
.border{ border-color:#2AF6D2 }
```

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

Here you see how a box with a 4 pixel #2AF6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AF6D2; -webkit-box-shadow:4px 4px  
4px 4px #2AF6D2; box-shadow:4px 4px 4px  
4px #2AF6D2 }
```

Background

The CSS property to change the background color of an element to Hex 2AF6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AF6D2 }
```

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

```
.background{ background-color:#2AF6D2 }
```

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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