

Converting Colors

Hex(2AFFDF)

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

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Color

Hex(2AFFDF)

Conversions

Conversions Part 1

Format	Color
Hex	2AFFDF
RGB	42, 255, 223
RGB Percent	16%, 100%, 87%
CMY	0.8353, 0.0000, 0.1255
CMYK	0.84, 0.00, 0.13, 0.00
HSL	171°, 100%, 58%
HSV	171°, 84%, 100%
XYZ	50.0341, 77.3400, 82.1031
YIQ	187.6650, -116.6760, -55.1080

Conversions

Conversions Part 2

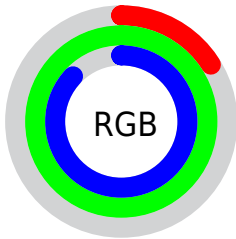
Format	Color
RYB	42, 157, 255
Decimal	2818015
CIELab	90.48, -55.24, 1.54
CIELCh	90, 55.259, 178.399
Yxy	77.3400, 0.2389, 0.3692
Android (android.graphics.Color)	4281008095 (0xFF2AFFDF)
YUV	187.6650, 17.4202, -127.7482
Hunter-Lab	87.9431, -52.3452, 6.2075

Details

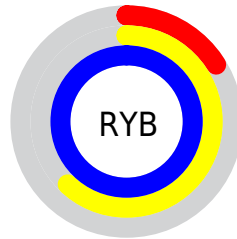
The Hex color **2AFFDF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF2A4A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **80FFFF**, and **00C5A8** is the 20% darker color. If you saturate the color by 10%, you get **10FFDB**, and if you desaturate by 10%, it is **43FFE3**.

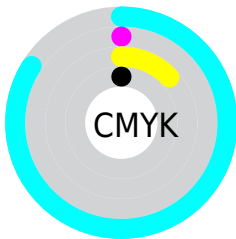
Distribution



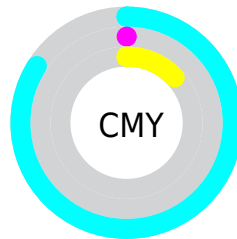
- Red (16%)
- Green (100%)
- Blue (87%)



- Red (16%)
- Yellow (62%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 2AFFDF

 2AFFDF

FFFFFF

 00E2C3

 80FFFF

 00C5A8

 A2FFFF

 00A98E

 C3FFFF

 008E74

 E3FFFF

 00735C

 005944

 00402E

 002A19

 000300

 2AFFDF

 2AFFDF

 10FFDB

 43FFE3

 00FFD9

 5DFFE7

 77FFEA

 90FFEE

 AFFFF2

 C3FFF6

 DDFFFA

 F6FFFE

FFFFFF

Harmonies

Analogous

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



91FAAA



2AFFDF



00FEFF

Triad

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



2AFFDF



E4D7FF



FFCD8B

Complementary

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



2AFFDF



FF2A4A

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.



FFBDB4



2AFFDF



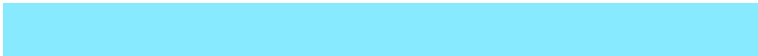
FFC4FF

Square

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



2AFFDF



88EAFB



FFB9E9



FFE078

Rectangle

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



2AFFDF



00FAFF



FFB9E9



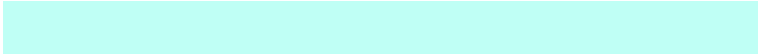
FFC797

Sweetspot

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



2AFFDF



BFFFF5



4DFF2A



59807A



000000



808080

Same Dimension

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



2AFFDF



00FFD9



2AB8FF



73807E



00BFA3



004036

Inverse Universe

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



FF2A4A



FF0026



FF712A



807375



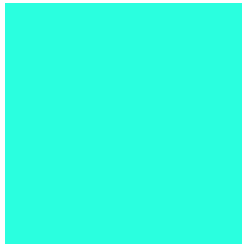
BF001D



40000A

Previews

White Background



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

Color Contrast Check

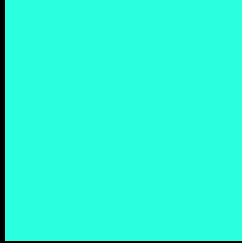
Large Text (above 18pt) WCAG AA × Fail

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 2AFFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

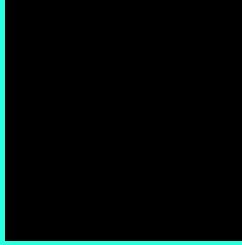
Any Text WCAG AA ✓ Pass

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 2AFFDF Background



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

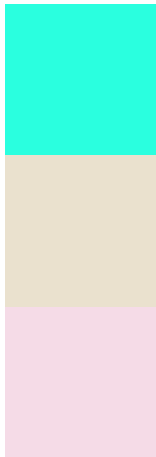


This preview shows how white text looks on a background with the Hex color 2AFFDF.

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](#).

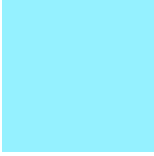
Dichromacy



Original Color
2AFFDF

Protanopia
EAE1CE

Deuteranopia
F5DBE7

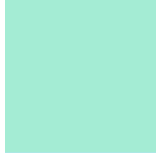


Tritanopia
95F1FF

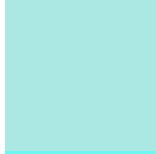
Trichromacy



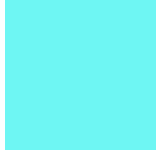
Original Color
2AFFDF



Protanomaly
A4ECD4

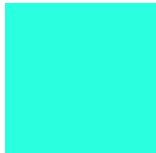


Deuteranomaly
ABE8E4

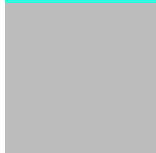


Tritanomaly
6EF6F3

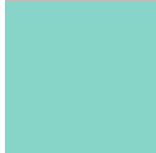
Monochromacy



Original Color
2AFFDF



Achromatopsia
BCBCBC



Achromatomaly
87D4C9

CSS Examples

Text

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

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

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 #2AFFDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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