

Converting Colors

Hex(2AFFFF)

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

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Color

Hex(2AFFFF)

Conversions

Conversions Part 1

Format	Color
Hex	2AFFFF
RGB	42, 255, 255
RGB Percent	16%, 100%, 100%
CMY	0.8353, 0.0000, 0.0000
CMYK	0.84, 0.00, 0.00, 0.00
HSL	180°, 100%, 58%
HSV	180°, 84%, 100%
XYZ	54.7648, 79.2322, 107.0147
YIQ	191.3130, -126.9480, -45.1560

Conversions

Conversions Part 2

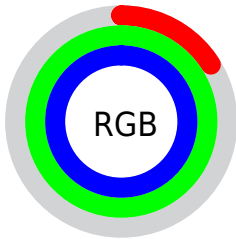
Format	Color
RYB	42, 149, 255
Decimal	2818047
CIELab	91.34, -46.61, -13.78
CIELCh	91, 48.602, 196.473
Yxy	79.2322, 0.2272, 0.3287
Android (android.graphics.Color)	4281008127 (0xFF2AFFFF)
YUV	191.3130, 31.3977, -130.9475
Hunter-Lab	89.0125, -45.9499, -8.9723

Details

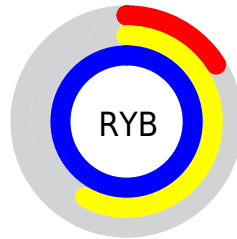
The Hex color **2AFFFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF2A2A**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **83FFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **10FFFF**, and if you desaturate by 10%, it is **43FFFF**.

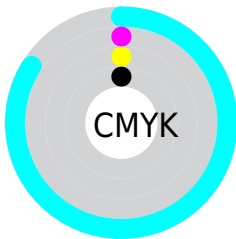
Distribution



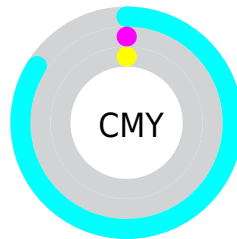
- Red (16%)
- Green (100%)
- Blue (100%)



- Red (16%)
- Yellow (58%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 2AFFFF

 2AFFFF

FFFFFF

 00E2E2

 83FFFF

 00C5C6

 A5FFFF

 00AAAB

 C7FFFF

 008F91

 E7FFFF

 007477

 005B5E

 004247

 002C30

 000B1C

 2AFFFF

 2AFFFF

 10FFFF

 43FFFF

 00FFFF

 5DFFFF

 77FFFF

 90FFFF

 AAFFFF

 C3FFFF

 DDFFFF

 F6FFFF

 FFFFFFFF

Harmonies

Analogous

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



79FECF



2AFFFF



0FFBFF

Triad

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



2AFFFF



FFD1FF



FFDC8B

Complementary

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



2AFFFF



FF2A2A

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.



FFCCA5



2AFFFF



FFC4FD

Square

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



2AFFFF



CCE2FF



FFC2CE



EBEC8B

Rectangle

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



2AFFFF



5CF5FF



FFC2CE



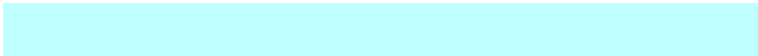
FFD791

Sweetspot

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



2AFFFF



BFFFFF



2AFF2A



598080



000000



808080

Same Dimension

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



2AFFFF



00FFFF



2A94FF



738080



00BFBF



004040

Inverse Universe

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



FF2AFF



FF00FF



FF942A



807380



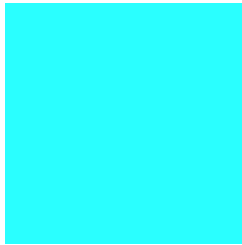
BF00BF



400040

Previews

White Background



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

Color Contrast Check

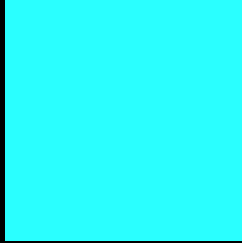
Large Text (above 18pt) WCAG AA × Fail

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 2AFFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

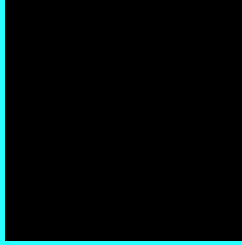
Any Text WCAG AA ✓ Pass

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 2AFFFF Background



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



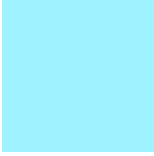
This preview shows how white text looks on a background with the Hex color 2AFFFF.

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
9FF2FF

Trichromacy



Original Color
2AFFFF



Protanomaly
A1EDF4



Deuteranomaly
A4EBFF

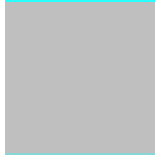


Tritanomaly
74F7FF

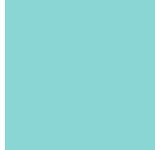
Monochromacy



Original Color
2AFFFF



Achromatopsia
BFBFBF



Achromatomaly
89D6D6

CSS Examples

Text

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

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

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 #2AFFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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