

Converting Colors

Hex(29F3AB)

Have a look what the booklet for
Hex(29F3AB) contains.

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Color

Hex(29F3AB)

Conversions

Conversions Part 1

Format	Color
Hex	29F3AB
RGB	41, 243, 171
RGB Percent	16%, 95%, 67%
CMY	0.8392, 0.0471, 0.3294
CMYK	0.83, 0.00, 0.30, 0.05
HSL	159°, 89%, 56%
HSV	159°, 83%, 95%
XYZ	40.3157, 67.5129, 49.4345
YIQ	174.3940, -97.2800, -65.2160

Conversions

Conversions Part 2

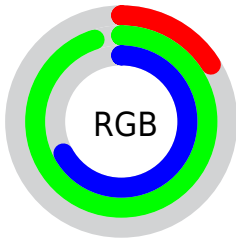
Format	Color
RYB	41, 164, 243
Decimal	2749355
CIELab	85.76, -62.95, 21.74
CIELCh	86, 66.600, 160.952
Yxy	67.5129, 0.2564, 0.4293
Android (android.graphics.Color)	4280939435 (0xFF29F3AB)
YUV	174.3940, -1.6732, -116.9865
Hunter-Lab	82.1662, -56.2080, 21.8451




Details

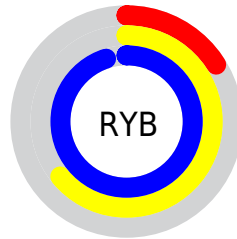
The Hex color **29F3AB** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **F32971**, and the grayscale version is **AEAEAE**.




A 20% lighter version of the original color is **7BFFE3**, and **00B976** is the 20% darker color. If you saturate the color by 10%, you get **11F3A2**, and if you desaturate by 10%, it is **41F3B4**.

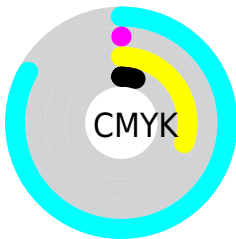
Distribution







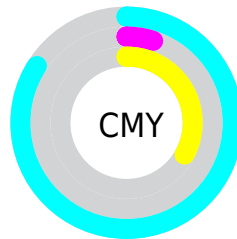
-  Red (16%)
-  Green (95%)
-  Blue (67%)






-  Red (16%)
-  Yellow (64%)
-  Blue (95%)



-  Cyan (83%)
-  Magenta (0%)
-  Yellow (30%)
-  Black (5%)



-  Cyan (84%)
-  Magenta (5%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29F3AB 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 29F3AB by changing the saturation by 10% instead.

 29F3AB

 29F3AB

FFFFFF

 00D690

 7BFFE3

 00B976

 9CFFF

 009E5D

 BCFFF

 008245

 DBFFF

 00682F

 FBFFF

 004E19


 003600

 001D00

 000000

 29F3AB

 29F3AB

 11F3A2

 41F3B4

 00F39C

 5AF3BC

 72F3C5

 8AF3CE

 A2F3D6

 BBF3DF

 D3F3E8

 EBF3F0

 FFF3F9

Harmonies

Analogous

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



9FEA73



29F3AB



00F6EC

Triad

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



29F3AB



90D5FF



FFAD87

Complementary

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



29F3AB



F32971

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.



FF9FC2



29F3AB



F9BCFF

Square

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



29F3AB



00E8FF



FFA6FF



FFC55D

Rectangle

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



29F3AB



00F5FF



FFA6FF



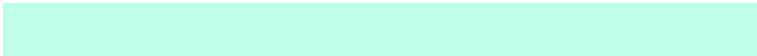
FFA799

Sweetspot

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



29F3AB



BFFFE8



73F329



598072



000000



808080

Same Dimension

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



29F3AB



00FFA4



29D8F3



6E7A76



00BA78



003B26

Inverse Universe

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



F32971



FF005B



F34429



7A6E73



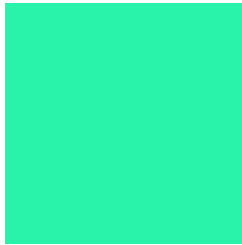
BA0042



3B0015

Previews

White Background



This preview shows how the Hex color 29F3AB 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 29F3AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

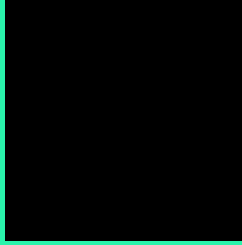
Any Text WCAG AA ✓ Pass

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 29F3AB Background



This preview shows how black text looks on a background with the Hex color 29F3AB.

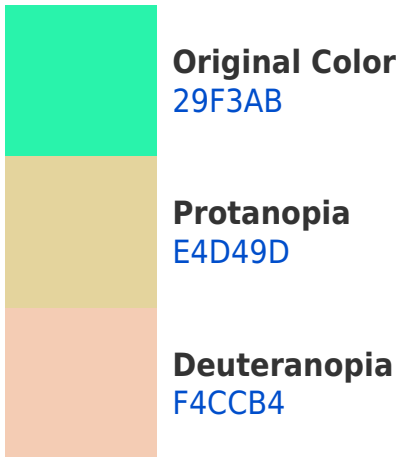


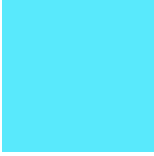
This preview shows how white text looks on a background with the Hex color 29F3AB.

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
59E9FC

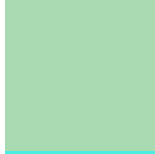
Trichromacy



Original Color
29F3AB



Protanomaly
A0DFA2



Deuteranomaly
AADAB1



Tritanomaly
48EDDF

Monochromacy



Original Color
29F3AB



Achromatopsia
AEAEAE



Achromatomaly
7EC7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 29F3AB 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 #29F3AB looks like.

```
.text, #text, p{  
    color:#29F3AB  
}
```

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 #29F3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29F3AB
}
```

Border

The CSS property to change the border of an element to Hex 29F3AB 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
#29F3AB }
```

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

```
.border{ border-color:#29F3AB }
```

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

Here you see how a box with a 4 pixel #29F3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29F3AB; -webkit-box-shadow:4px 4px  
4px 4px #29F3AB; box-shadow:4px 4px 4px  
4px #29F3AB }
```

Background

The CSS property to change the background color of an element to Hex 29F3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29F3AB }
```

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

```
.background{ background-color:#29F3AB }
```

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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