

Converting Colors

Hex(29FFA5)

Have a look what the booklet for
Hex(29FFA5) contains.

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Color

Hex(29FFA5)

Conversions

Conversions Part 1

Format	Color
Hex	29FFA5
RGB	41, 255, 165
RGB Percent	16%, 100%, 65%
CMY	0.8392, 0.0000, 0.3529
CMYK	0.84, 0.00, 0.35, 0.00
HSL	155°, 100%, 58%
HSV	155°, 84%, 100%
XYZ	43.4660, 74.7080, 47.7265
YIQ	180.7540, -98.6540, -73.3580

Conversions

Conversions Part 2

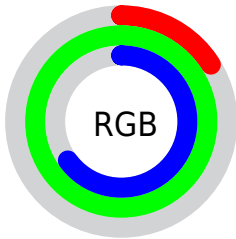
Format	Color
RYB	41, 176, 255
Decimal	2752421
CIELab	89.26, -68.47, 29.55
CIELCh	89, 74.576, 156.656
Yxy	74.7080, 0.2620, 0.4503
Android (android.graphics.Color)	4280942501 (0xFF29FFA5)
YUV	180.7540, -7.7667, -122.5643
Hunter-Lab	86.4338, -61.4948, 27.7653

Details

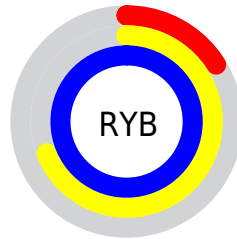
The Hex color **29FFA5** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF2983**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **7DFDDB**, and **00C570** is the 20% darker color. If you saturate the color by 10%, you get **10FF9A**, and if you desaturate by 10%, it is **42FFB0**.

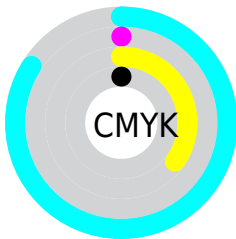
Distribution



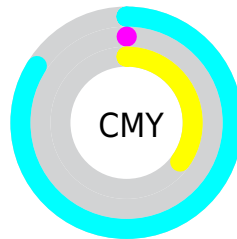
- Red (16%)
- Green (100%)
- Blue (65%)



- Red (16%)
- Yellow (69%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29FFA5 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 29FFA5 by changing the saturation by 10% instead.

 29FFA5

 29FFA5

FFFFFF

 00E28A

 7DFFDD

 00C570

 9FFFF9

 00A957

 BFFFFF

 008D3F

 DFFFFF

 007228

 005810

 003F00

 002600

 000000

■ 29FFA5

■ 29FFA5

■ 10FF9A

■ 42FFB0

■ 00FF94

■ 5CFFBA

■ 76FFC5

■ 8FFFD0

■ A9FFDB

■ C2FFE5

■ DCFFF0

■ F5FFFB

FFFFFF

Harmonies

Analogous

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



ADF467



29FFA5



00FFE7

Triad

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



29FFA5



6DE3FF



FFAD8F

Complementary

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



29FFA5



FF2983

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.



FF9FD3



29FFA5



F9C7FF

Square

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



29FFA5



00F7FF



FFABFF



FFC85A

Rectangle

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



29FFA5



00FFFF



FFABFF



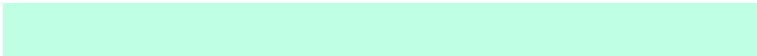
FFA6A5

Sweetspot

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



29FFA5



BFFFE4



86FF29



59806F



000000



808080

Same Dimension

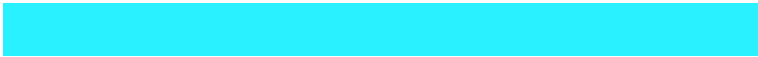
The Same Dimension uses a secret algorithm to generate beautiful new colors.



29FFA5



00FF94



29F1FF



73807A



00BF6F



004025

Inverse Universe

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



FF2983



FF006B



FF3729



807378



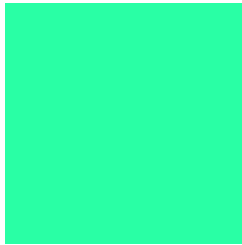
BF0050



40001B

Previews

White Background



This preview shows how the Hex color 29FFA5 looks on a white background.

Color Contrast Check

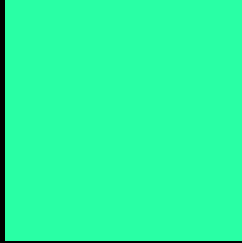
Large Text (above 18pt) WCAG AA × Fail

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 29FFA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

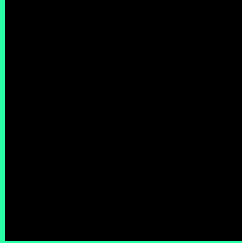
Any Text WCAG AA ✓ Pass

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 29FFA5 Background



This preview shows how black text looks on a background with the Hex color 29FFA5.

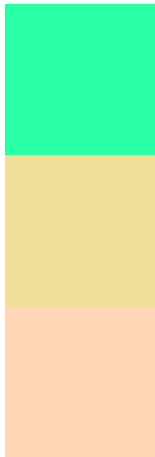


This preview shows how white text looks on a background with the Hex color 29FFA5.

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](#).

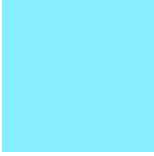
Dichromacy



Original Color
29FFA5

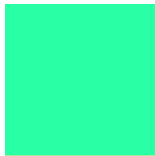
Protanopia
F0DE97

Deuteranopia
FFD6B6



Tritanopia
87EFFF

Trichromacy



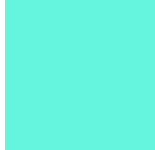
Original Color
29FFA5



Protanomaly
A8EA9C



Deuteranomaly
B1E5B0

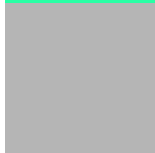


Tritanomaly
65F5DE

Monochromacy



Original Color
29FFA5



Achromatopsia
B5B5B5



Achromatomaly
82D0AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 29FFA5 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 #29FFA5 looks like.

```
.text, #text, p{  
    color:#29FFA5  
}
```

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 #29FFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29FFA5
}
```

Border

The CSS property to change the border of an element to Hex 29FFA5 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
#29FFA5 }
```

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

```
.border{ border-color:#29FFA5 }
```

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

Here you see how a box with a 4 pixel #29FFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29FFA5; -webkit-box-shadow:4px 4px  
4px 4px #29FFA5; box-shadow:4px 4px 4px  
4px #29FFA5 }
```

Background

The CSS property to change the background color of an element to Hex 29FFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29FFA5 }
```

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

```
.background{ background-color:#29FFA5 }
```

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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