

Converting Colors

Hex(29FFCC)

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

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Color

Hex(29FFCC)

Conversions

Conversions Part 1

Format	Color
Hex	29FFCC
RGB	41, 255, 204
RGB Percent	16%, 100%, 80%
CMY	0.8392, 0.0000, 0.2000
CMYK	0.84, 0.00, 0.20, 0.00
HSL	166°, 100%, 58%
HSV	166°, 84%, 100%
XYZ	47.5735, 76.3511, 69.3566
YIQ	185.2000, -111.1730, -61.2290

Conversions

Conversions Part 2

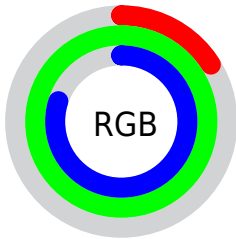
Format	Color
RYB	41, 162, 255
Decimal	2752460
CIELab	90.02, -60.00, 10.71
CIELCh	90, 60.951, 169.877
Yxy	76.3511, 0.2461, 0.3950
Android (android.graphics.Color)	4280942540 (0xFF29FFCC)
YUV	185.2000, 9.2684, -126.4634
Hunter-Lab	87.3791, -55.7291, 14.1043

Details

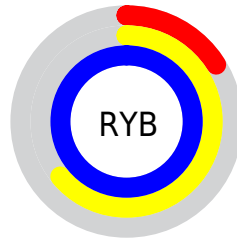
The Hex color **29FFCC** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF295C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00C596** is the 20% darker color. If you saturate the color by 10%, you get **10FFC6**, and if you desaturate by 10%, it is **42FFD2**.

Distribution



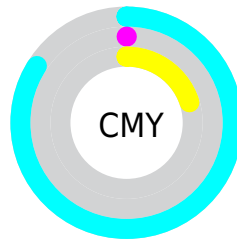
- Red (16%)
- Green (100%)
- Blue (80%)



- Red (16%)
- Yellow (64%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 29FFCC

 29FFCC

FFFFFF

 00E2B1

 7FFFFFFF

 00C596

 A0FFFF

 00A97C

 C1FFFF

 008E63

 E1FFFF

 00734B

 005934

 00401F

 002808

 000000

 29FFCC

 29FFCC

 10FFC6

 42FFD2

 00FFC2

 5CFFD8

 76FFDE

 8FFFE4

 A9FFEA

 C2FFF0

 DCFFF7

 F5FFFD

FFFFFF

Harmonies

Analogous

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



9BF895



29FFCC



00FFFF

Triad

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



29FFCC



C7DBFF



FFC38B

Complementary

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



29FFCC



FF295C

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.



FFB4BE



29FFCC



FFC4FF

Square

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



29FFCC



3CEEFF



FFB4F9



FFD86D

Rectangle

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



29FFCC



00DFFF



FFB4F9



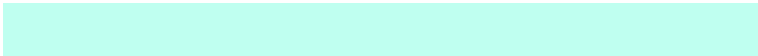
FFBD9A

Sweetspot

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



29FFCC



BFFFF0



5FFF29



598076



000000



808080

Same Dimension

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



29FFCC



00FFC2



29CAFF



73807C



00BF92



004031

Inverse Universe

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



FF295C



FF003D



FF5F29



807376



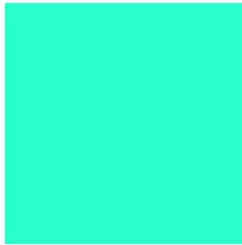
BF002E



40000F

Previews

White Background



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

Color Contrast Check

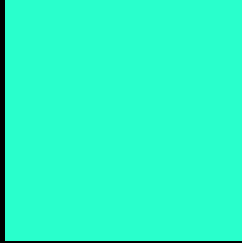
Large Text (above 18pt) WCAG AA × Fail

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 29FFCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

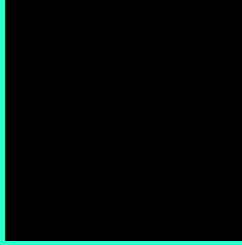
Any Text WCAG AA ✓ Pass

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 29FFCC Background



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

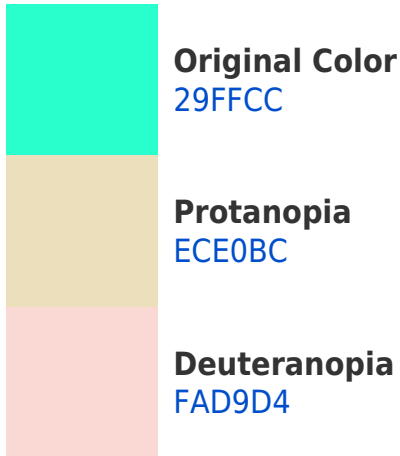


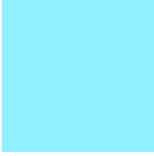
This preview shows how white text looks on a background with the Hex color 29FFCC.

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



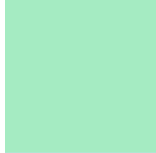


Tritanopia
90F0FF

Trichromacy



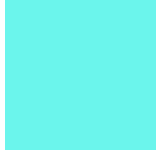
Original Color
29FFCC



Protanomaly
A5EBC2

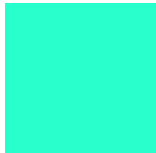


Deuteranomaly
AEE7D1

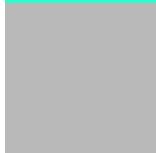


Tritanomaly
6BF5EC

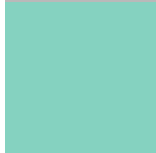
Monochromacy



Original Color
29FFCC



Achromatopsia
B9B9B9



Achromatomaly
85D2C0

CSS Examples

Text

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

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

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 #29FFCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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