

Converting Colors

Hex(29CAFF)

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

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Color

Hex(29CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	29CAFF
RGB	41, 202, 255
RGB Percent	16%, 79%, 100%
CMY	0.8392, 0.2078, 0.0000
CMYK	0.84, 0.21, 0.00, 0.00
HSL	195°, 100%, 58%
HSV	195°, 84%, 100%
XYZ	40.0850, 49.9325, 102.1330
YIQ	159.9030, -112.9690, -17.6490

Conversions

Conversions Part 2

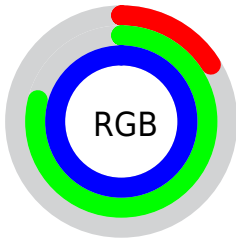
Format	Color
RYP	41, 133, 255
Decimal	2738943
CIELab	76.03, -21.71, -37.11
CIElCh	76, 42.995, 239.669
Yxy	49.9325, 0.2086, 0.2599
Android (android.graphics.Color)	4280929023 (0xFF29CAFF)
YUV	159.9030, 46.8828, -104.2779
Hunter-Lab	70.6629, -22.4023, -36.2310

Details

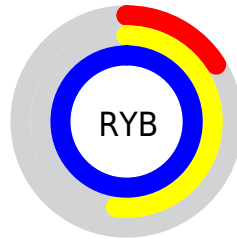
The Hex color **29CAFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5E29**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7DFFFF**, and **0094C6** is the 20% darker color. If you saturate the color by 10%, you get **10C4FF**, and if you desaturate by 10%, it is **42D0FF**.

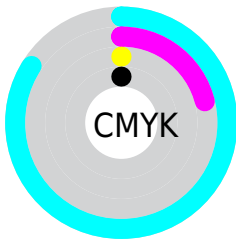
Distribution



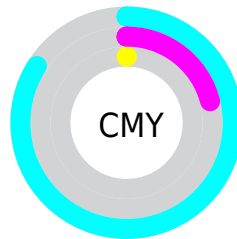
- Red (16%)
- Green (79%)
- Blue (100%)



- Red (16%)
- Yellow (52%)
- Blue (100%)



- Cyan (84%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 29CAFF

 29CAFF

FFFFFF

 00AFE2

 7DFFFF

 0094C6

 9EFFFF

 007AAB

 BEFFFF

 006190

 DEFFFF

 004976

FEFFFF

 00325D

 001F45

 00042E

 000119

■ 29CAFF

■ 29CAFF

■ 10C4FF

■ 42D0FF

■ 00C0FF

■ 5CD7FF

■ 76DDFF

■ 8FE3FF

■ A9EAFF

■ C2F0FF

■ DCF6FF

■ F5FDFF

FFFFFF

Harmonies

Analogous

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



00D0E1



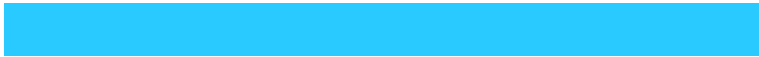
29CAFF



7FBFFF

Triad

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



29CAFF



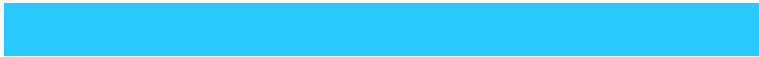
FF9CBD



ACC575

Complementary

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



29CAFF



FF5E29

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.



D5B96B



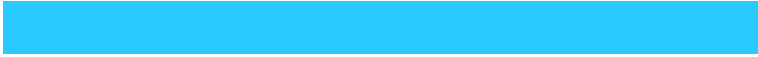
29CAFF



FF9F96

Square

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



29CAFF



EDA3E4



F5AB78



7DCD92

Rectangle

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



29CAFF



ABB6FF



F5AB78



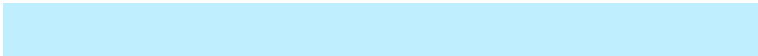
BBC16F

Sweetspot

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



29CAFF



BFEFFF



29FF5B



597680



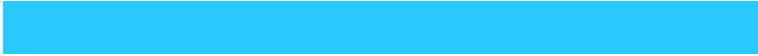
000000



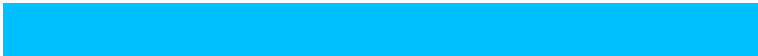
808080

Same Dimension

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



29CAFF



00C0FF



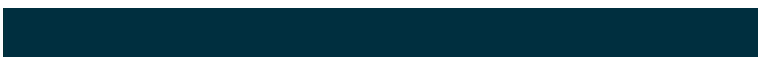
2962FF



737C80



0090BF



003040

Inverse Universe

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



FF29CA



FF00C0



FFC629



80737C



BF0090



400030

Previews

White Background



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

Color Contrast Check

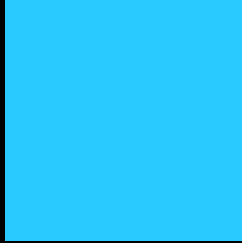
Large Text (above 18pt) WCAG AA × Fail

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 29CAFF 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 29CAFF Background



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

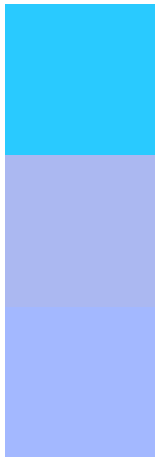


This preview shows how white text looks on a background with the Hex color 29CAFF.

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](#).

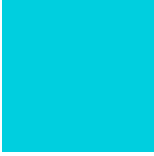
Dichromacy



Original Color
29CAFF

Protanopia
ABB8F1

Deuteranopia
A3B8FF



Tritanopia
00CFDF

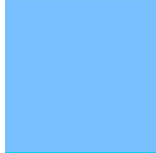
Trichromacy



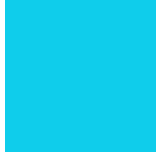
Original Color
29CAFF



Protanomaly
7CBFF6

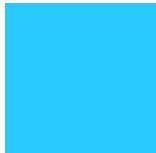


Deuteranomaly
77BFFF

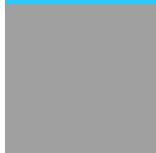


Tritanomaly
0FCDEB

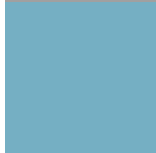
Monochromacy



Original Color
29CAFF



Achromatopsia
A0A0A0



Achromatomaly
75AFC3

CSS Examples

Text

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

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

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 #29CAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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