

Converting Colors

Hex(2C9FFF)

Have a look what the booklet for
Hex(2C9FFF) contains.

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Color

Hex(2C9FFF)

Conversions

Conversions Part 1

Format	Color
Hex	2C9FFF
RGB	44, 159, 255
RGB Percent	17%, 62%, 100%
CMY	0.8275, 0.3765, 0.0000
CMYK	0.83, 0.38, 0.00, 0.00
HSL	207°, 100%, 59%
HSV	207°, 83%, 100%
XYZ	31.4868, 32.5517, 99.2313
YIQ	135.5590, -99.3560, 5.4760

Conversions

Conversions Part 2

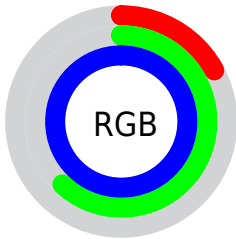
Format	Color
R _Y B	44, 118, 255
Decimal	2924543
CIE Lab	63.80, 2.02, -56.33
CIE LCh	64, 56.363, 272.050
Yxy	32.5517, 0.1929, 0.1994
Android (android.graphics.Color)	4281114623 (0xFF2C9FFF)
YUV	135.5590, 58.8844, -80.2972
Hunter-Lab	57.0541, -1.3348, -63.1821

Details

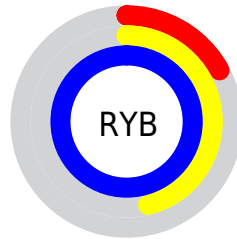
The Hex color **2C9FFF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FF8C2C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7CD5FF**, and **006CC6** is the 20% darker color. If you saturate the color by 10%, you get **1393FF**, and if you desaturate by 10%, it is **46ABFF**.

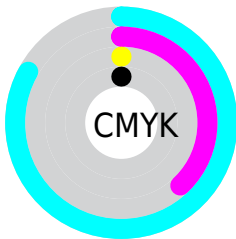
Distribution



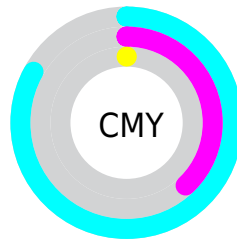
- Red (17%)
- Green (62%)
- Blue (100%)



- Red (17%)
- Yellow (46%)
- Blue (100%)



- Cyan (83%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C9FFF 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 2C9FFF by changing the saturation by 10% instead.

 2C9FFF

 2C9FFF

FFFFFF

 0085E2

 7CD5FF

 006CC6

 9DF1FF

 0054AA

 BDFFFF

 003E8F

 DCFFFF

 002975

 FCFFFF

 00155C

 000743

 00032C

 000116

■ 2C9FFF

■ 2C9FFF

■ 1393FF

■ 46ABFF

■ 008BFF

■ 5FB6FF

■ 79C2FF

■ 92CDFF

■ ACD9FF

■ C5E5FF

■ DFF0FF

■ F8FCFF

FFFFFF

Harmonies

Analogous

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



00ACF3



2C9FFF



A18CF0

Triad

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



2C9FFF



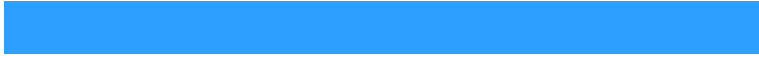
F37468



33AF69

Complementary

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



2C9FFF



FF8C2C

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.



7FA740



2C9FFF



DB8641

Square

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



2C9FFF



F56D99



B3992E



00B39D

Rectangle

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



2C9FFF



CB7ED9



B3992E



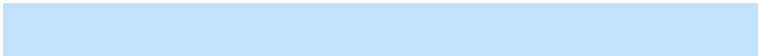
54AD5A

Sweetspot

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



2C9FFF



BFE2FF



2CFF8B



596E80



000000



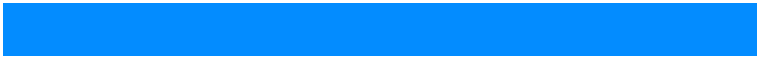
808080

Same Dimension

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



2C9FFF



038CFF



2C37FF



737A80



0068BF



002340

Inverse Universe

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



FF2C9F



FF038C



FFF42C



80737A



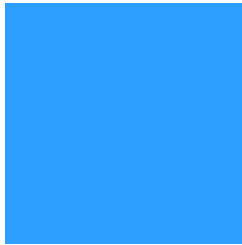
BF0068



400023

Previews

White Background



This preview shows how the Hex color 2C9FFF looks on a white background.

Color Contrast Check

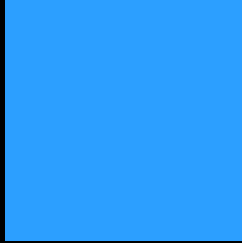
Large Text (above 18pt) WCAG AA × Fail

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 2C9FFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

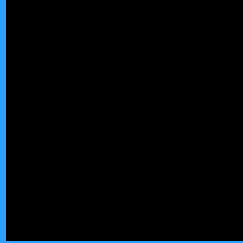
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

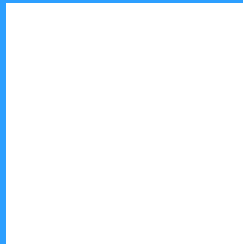
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C9FFF Background



This preview shows how black text looks on a background with the Hex color 2C9FFF.



This preview shows how white text looks on a background with the Hex color 2C9FFF.

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
2C9FFF

Protanopia
7496F7

Deuteranopia
569AFF

Trichromacy



Original Color
2C9FFF

Protanomaly
5A99FA

Deuteranomaly
479CFF

Monochromacy



Original Color
2C9FFF

Achromatopsia
888888

Achromatomaly
6790B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C9FFF 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 #2C9FFF looks like.

```
.text, #text, p{  
    color:#2C9FFF  
}
```

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 #2C9FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9FFF
}
```

Border

The CSS property to change the border of an element to Hex 2C9FFF 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
#2C9FFF }
```

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

```
.border{ border-color:#2C9FFF }
```

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

Here you see how a box with a 4 pixel #2C9FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9FFF; -webkit-box-shadow:4px 4px  
4px 4px #2C9FFF; box-shadow:4px 4px 4px  
4px #2C9FFF }
```

Background

The CSS property to change the background color of an element to Hex 2C9FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9FFF }
```

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

```
.background{ background-color:#2C9FFF }
```

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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