

Converting Colors

Hex(2C7CFF)

Have a look what the booklet for
Hex(2C7CFF) contains.

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Color

Hex(2C7CFF)

Conversions

Conversions Part 1

Format	Color
Hex	2C7CFF
RGB	44, 124, 255
RGB Percent	17%, 49%, 100%
CMY	0.8275, 0.5137, 0.0000
CMYK	0.83, 0.51, 0.00, 0.00
HSL	217°, 100%, 59%
HSV	217°, 83%, 100%
XYZ	26.2964, 22.1708, 97.5012
YIQ	115.0140, -89.7310, 23.7810

Conversions

Conversions Part 2

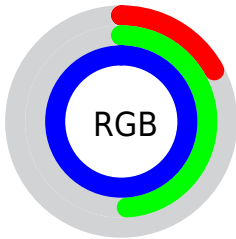
Format	Color
R _Y B	44, 102, 255
Decimal	2915583
CIE Lab	54.21, 23.18, -71.73
CIE LCh	54, 75.379, 287.913
Yxy	22.1708, 0.1802, 0.1519
Android (android.graphics.Color)	4281105663 (0xFF2C7CFF)
YUV	115.0140, 69.0131, -62.2793
Hunter-Lab	47.0859, 17.2879, -89.8123

Details

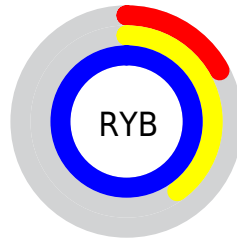
The Hex color **2C7CFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFAF2C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7DB0FF**, and **004CC5** is the 20% darker color. If you saturate the color by 10%, you get **136CFF**, and if you desaturate by 10%, it is **468CFF**.

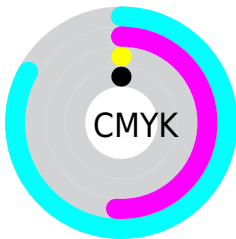
Distribution



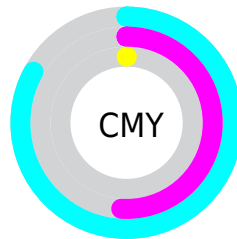
- Red (17%)
- Green (49%)
- Blue (100%)



- Red (17%)
- Yellow (40%)
- Blue (100%)



- Cyan (83%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7CFF 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 2C7CFF by changing the saturation by 10% instead.

 2C7CFF

 2C7CFF

FFFFFF

 0064E2

 7DB0FF

 004CC5

 9ECBFF

 0037A9

 BEE7FF

 00248E

 DDFFFF

 001174

 FDFFFF

 000D5A

 000742

 00032B

 000115

■ 2C7CFF

■ 2C7CFF

■ 136CFF

■ 468CFF

■ 0061FF

■ 5F9CFF

■ 79ABFF

■ 92BBFF

■ ACCBFF

■ C5DBFF

■ DFEBFF

■ F8FBFF

FFFFFF

Harmonies

Analogous

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



0091FF



2C7CFF



B35BDA

Triad

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



2C7CFF



DD561E



009C64

Complementary

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



2C7CFF



FFAF2C

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.



10971C



2C7CFF



B27500

Square

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



2C7CFF



F2345E



788A00



009EA8

Rectangle

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



2C7CFF



DB42B4



788A00



009B4D

Sweetspot

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



2C7CFF



BFD7FF



2CFFAE



596880



000000



808080

Same Dimension

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



2C7CFF



0362FF



452CFF



737880



0049BF



001840

Inverse Universe

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



FF2C7C



FF0362



E6FF2C



807378



BF0049



400018

Previews

White Background



This preview shows how the Hex color 2C7CFF looks on a white background.

Color Contrast Check

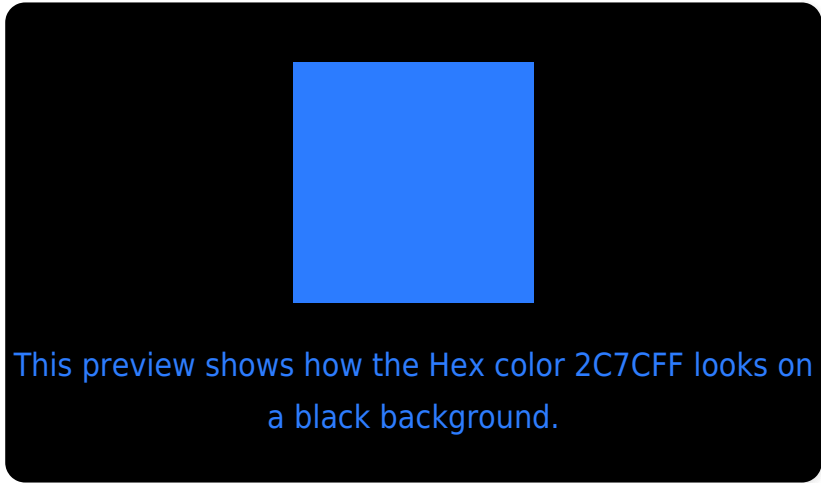
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

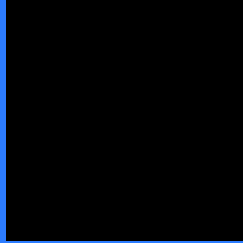
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

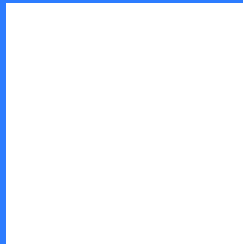
Any Text WCAG AAA × Fail

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

Hex 2C7CFF Background



This preview shows how black text looks on a background with the Hex color 2C7CFF.



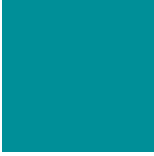
This preview shows how white text looks on a background with the Hex color 2C7CFF.

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](#).

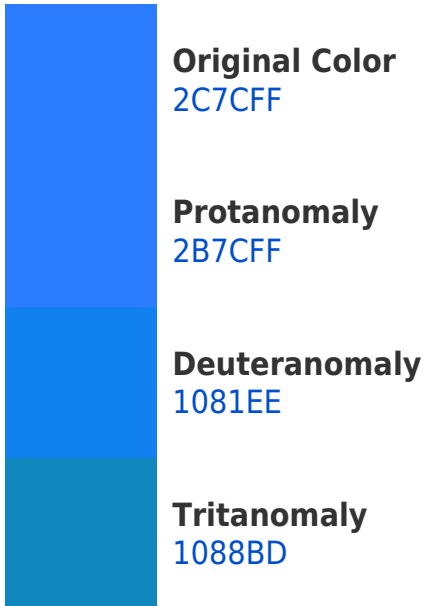
Dichromacy



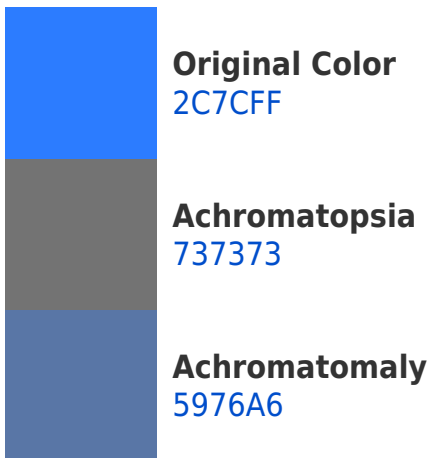


Tritanopia
008F98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7CFF 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 #2C7CFF looks like.

```
.text, #text, p{  
  color:#2C7CFF  
}
```

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 #2C7CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7CFF
}
```

Border

The CSS property to change the border of an element to Hex 2C7CFF 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
#2C7CFF }
```

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

```
.border{ border-color:#2C7CFF }
```

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

Here you see how a box with a 4 pixel #2C7CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7CFF; -webkit-box-shadow:4px 4px  
4px 4px #2C7CFF; box-shadow:4px 4px 4px  
4px #2C7CFF }
```

Background

The CSS property to change the background color of an element to Hex 2C7CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7CFF }
```

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

```
.background{ background-color:#2C7CFF }
```

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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