

Converting Colors

Hex(28C6FC)

Have a look what the booklet for
Hex(28C6FC) contains.

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Color

Hex(28C6FC)

Conversions

Conversions Part 1

Format	Color
Hex	28C6FC
RGB	40, 198, 252
RGB Percent	16%, 78%, 99%
CMY	0.8431, 0.2235, 0.0118
CMYK	0.84, 0.21, 0.00, 0.01
HSL	195°, 97%, 57%
HSV	195°, 84%, 99%
XYZ	38.6398, 47.8676, 99.2983
YIQ	156.9140, -111.5020, -16.7020

Conversions

Conversions Part 2

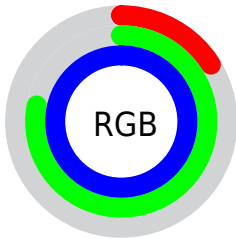
Format	Color
R_{YB}	40, 131, 252
Decimal	2672380
CIE _{Lab}	74.74, -20.73, -37.50
CIE _{LCh}	75, 42.847, 241.068
Yxy	47.8676, 0.2080, 0.2576
Android (android.graphics.Color)	4280862460 (0xFF28C6FC)
YUV	156.9140, 46.8774, -102.5336
Hunter-Lab	69.1864, -21.3859, -36.6642

Details

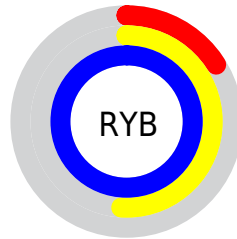
The Hex color **28C6FC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC5E28**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7BFFFF**, and **0090C3** is the 20% darker color. If you saturate the color by 10%, you get **0FC0FC**, and if you desaturate by 10%, it is **41CCFC**.

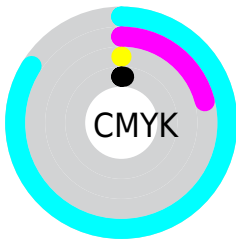
Distribution



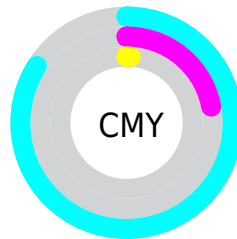
- Red (16%)
- Green (78%)
- Blue (99%)



- Red (16%)
- Yellow (51%)
- Blue (99%)



- Cyan (84%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (84%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C6FC 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 28C6FC by changing the saturation by 10% instead.

 28C6FC

 28C6FC

FFFFFF

 00ABDF

 7BFFFF

 0090C3

 9DFFFF

 0076A8

 BDFFFF

 005E8D

 DCFFFF

 004673

 FCFFFF

 002F5B

 001D43

 00032C

 000116

■ 28C6FC

■ 28C6FC

■ 0FC0FC

■ 41CCFC

■ 00BCFC

■ 5AD3FC

■ 74D9FC

■ 8DE0FC

■ A6E6FC

■ BFEDFC

■ D8F3FC

■ F2F9FC

FFFFFC

Harmonies

Analogous

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



00CCDF



28C6FC



7FBBFF

Triad

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



28C6FC



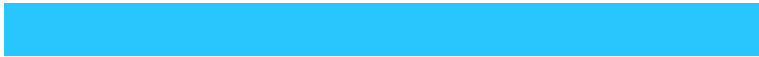
FF99B8



A7C273

Complementary

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



28C6FC



FC5E28

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.



D0B668



28C6FC



FF9C91

Square

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



28C6FC



EBA0DF



F0A874



77C990

Rectangle

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



28C6FC



ABB2FF



F0A874



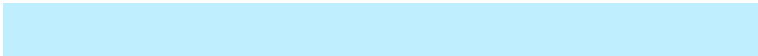
B5BE6D

Sweetspot

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



28C6FC



BFEFFF



28FC5D



597680



000000



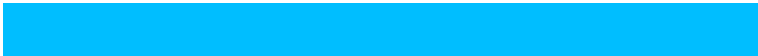
808080

Same Dimension

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



28C6FC



00BEFF



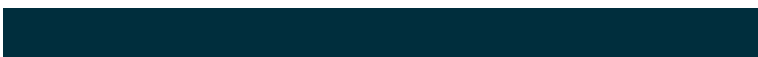
285DFC



707A7D



008DBD



002E3D

Inverse Universe

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



FC28C6



FF00BE



FCC728



7D707A



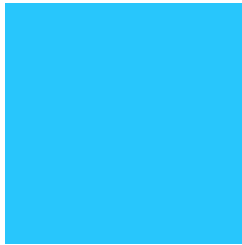
BD008D



3D002E

Previews

White Background



This preview shows how the Hex color 28C6FC 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 28C6FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

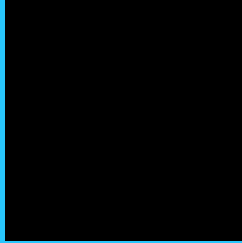
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

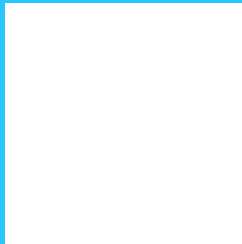
Any Text WCAG AAA ✓ Pass

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

Hex 28C6FC Background



This preview shows how black text looks on a background with the Hex color 28C6FC.

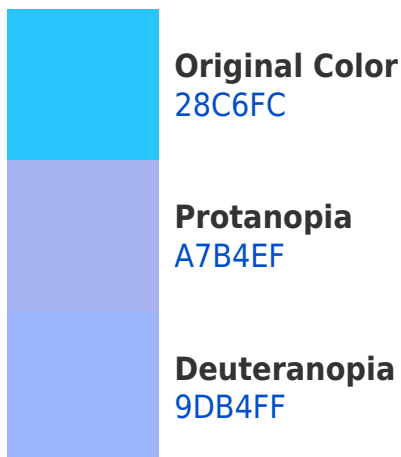


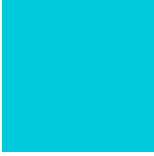
This preview shows how white text looks on a background with the Hex color 28C6FC.

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](#).

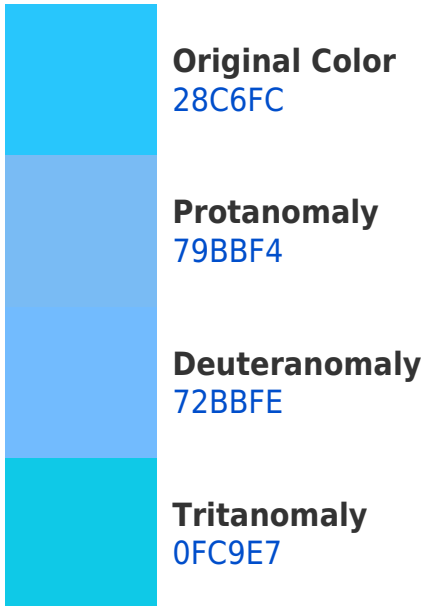
Dichromacy



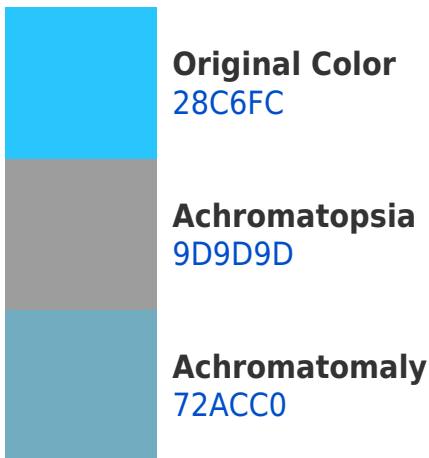


Tritanopia
00CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28C6FC 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 #28C6FC looks like.

```
.text, #text, p{  
  color:#28C6FC  
}
```

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 #28C6FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C6FC
}
```

Border

The CSS property to change the border of an element to Hex 28C6FC 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
#28C6FC }
```

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

```
.border{ border-color:#28C6FC }
```

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

Here you see how a box with a 4 pixel #28C6FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C6FC; -webkit-box-shadow:4px 4px  
4px 4px #28C6FC; box-shadow:4px 4px 4px  
4px #28C6FC }
```

Background

The CSS property to change the background color of an element to Hex 28C6FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C6FC }
```

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

```
.background{ background-color:#28C6FC }
```

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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