

Converting Colors

Hex(28B9FF)

Have a look what the booklet for
Hex(28B9FF) contains.

Hex(28B9FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28B9FF)

Conversions

Conversions Part 1

Format	Color
Hex	28B9FF
RGB	40, 185, 255
RGB Percent	16%, 73%, 100%
CMY	0.8431, 0.2745, 0.0000
CMYK	0.84, 0.27, 0.00, 0.00
HSL	200°, 100%, 58%
HSV	200°, 84%, 100%
XYZ	36.2740, 42.3690, 100.8739
YIQ	149.6250, -108.8900, -8.9700

Conversions

Conversions Part 2

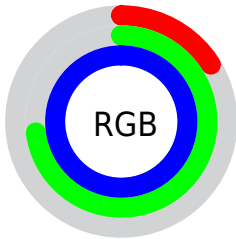
Format	Color
R _{YB}	40, 127, 255
Decimal	2669055
CIE Lab	71.12, -12.86, -44.76
CIE LCh	71, 46.566, 253.971
Yxy	42.3690, 0.2021, 0.2360
Android (android.graphics.Color)	4280859135 (0xFF28B9FF)
YUV	149.6250, 51.9499, -96.1411
Hunter-Lab	65.0915, -14.4361, -46.3191

Details

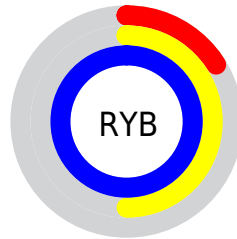
The Hex color **28B9FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF6E28**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7BF1FF**, and **0084C6** is the 20% darker color. If you saturate the color by 10%, you get **0FB1FF**, and if you desaturate by 10%, it is **42C1FF**.

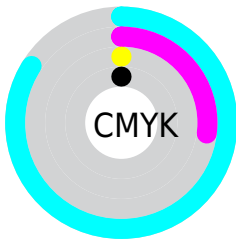
Distribution



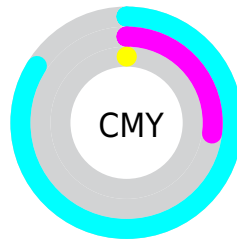
- Red (16%)
- Green (73%)
- Blue (100%)



- Red (16%)
- Yellow (50%)
- Blue (100%)



- Cyan (84%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28B9FF 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 28B9FF by changing the saturation by 10% instead.

 28B9FF

 28B9FF

FFFFFF

 009EE2

 7BF1FF

 0084C6

 9CFFFF

 006BAA

 BCFFFF


 005390

 DCFFFF

 003C76

 FCFFFF

 00275C

 000F45

 00032D

 000118

■ 28B9FF

■ 28B9FF

■ 0FB1FF

■ 42C1FF

■ 00ACFF

■ 5BCAFF

■ 75D2FF

■ 8EDAFF

■ A8E3FF

■ C1EBFF

■ DBF3FF

■ F4FBFF

FFFFFF

Harmonies

Analogous

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



00C1E8



28B9FF



8DACFF

Triad

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



28B9FF



FF8C9C



86BD6F

Complementary

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



28B9FF



FF6E28

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.



B5B259



28B9FF



F69575

Square

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



28B9FF



F28EC7



DCA45C



48C395

Rectangle

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



28B9FF



B9A1F5



DCA45C



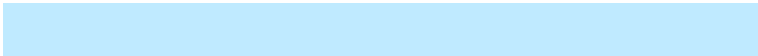
96B966

Sweetspot

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



28B9FF



BFEAFF



28FF6C



597380



000000



808080

Same Dimension

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



28B9FF



00ACFF



284FFF



737B80



0081BF



002B40

Inverse Universe

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



FF28B9



FF00AC



FFD828



80737B



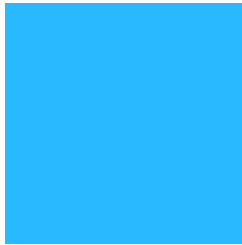
BF0081



40002B

Previews

White Background



This preview shows how the Hex color 28B9FF looks on a white background.

Color Contrast Check

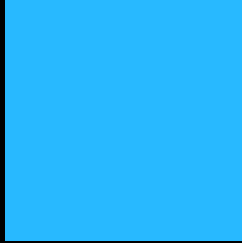
Large Text (above 18pt) WCAG AA × Fail

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 28B9FF 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

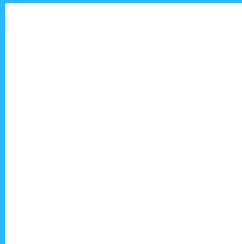
Any Text WCAG AAA ✓ Pass

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

Hex 28B9FF Background



This preview shows how black text looks on a background with the Hex color 28B9FF.

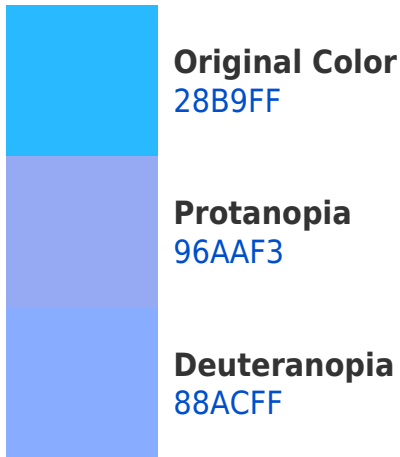


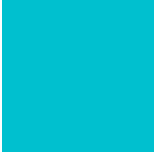
This preview shows how white text looks on a background with the Hex color 28B9FF.

Color Blindness Simulation

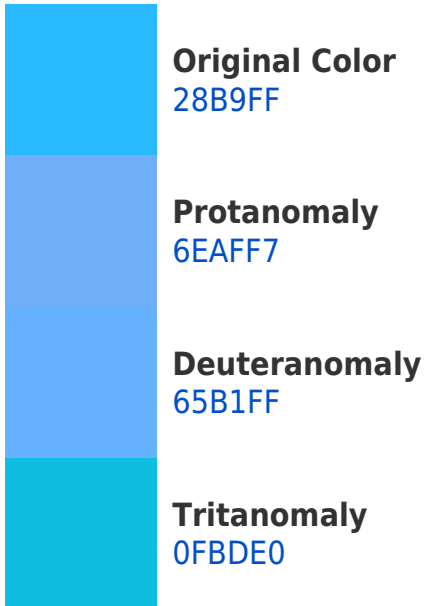
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28B9FF 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 #28B9FF looks like.

```
.text, #text, p{  
    color:#28B9FF  
}
```

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 #28B9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B9FF
}
```

Border

The CSS property to change the border of an element to Hex 28B9FF 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
#28B9FF }
```

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

```
.border{ border-color:#28B9FF }
```

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

Here you see how a box with a 4 pixel #28B9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B9FF; -webkit-box-shadow:4px 4px  
4px 4px #28B9FF; box-shadow:4px 4px 4px  
4px #28B9FF }
```

Background

The CSS property to change the background color of an element to Hex 28B9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B9FF }
```

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

```
.background{ background-color:#28B9FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor