

Converting Colors

Hex(298FFB)

Have a look what the booklet for
Hex(298FFB) contains.

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Color

Hex(298FFB)

Conversions

Conversions Part 1

Format	Color
Hex	298FFB
RGB	41, 143, 251
RGB Percent	16%, 56%, 98%
CMY	0.8392, 0.4392, 0.0157
CMYK	0.84, 0.43, 0.00, 0.02
HSL	211°, 96%, 57%
HSV	211°, 84%, 98%
XYZ	28.1495, 27.0814, 95.0104
YIQ	124.8140, -95.4600, 11.9640

Conversions

Conversions Part 2

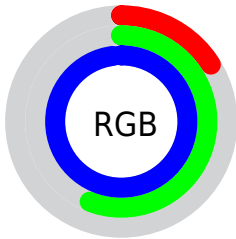
Format	Color
R _Y B	41, 110, 251
Decimal	2723835
CIE Lab	59.05, 9.79, -61.72
CIE LCh	59, 62.494, 279.017
Yxy	27.0814, 0.1874, 0.1803
Android (android.graphics.Color)	4280913915 (0xFF298FFB)
YUV	124.8140, 62.2097, -73.5049
Hunter-Lab	52.0398, 5.4851, -71.8195

Details

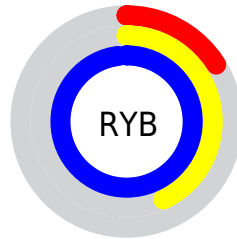
The Hex color **298FFB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FB9529**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7AC4FF**, and **005EC2** is the 20% darker color. If you saturate the color by 10%, you get **1082FB**, and if you desaturate by 10%, it is **429CFB**.

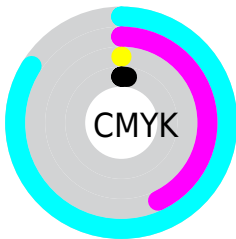
Distribution



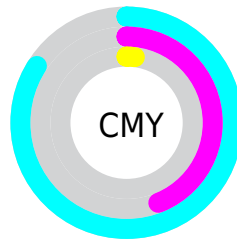
- Red (16%)
- Green (56%)
- Blue (98%)



- Red (16%)
- Yellow (43%)
- Blue (98%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (84%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298FFB 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 298FFB by changing the saturation by 10% instead.

 298FFB

 298FFB

FFFFFF

 0076DE

 7AC4FF

 005EC2

 9BE0FF

 0047A6

 BAF0FF

 00328B

 DAFFFF

 001F71

 F9FFFF

 000858

 00073F

 000328

 000112

■ 298FFB

■ 298FFB

■ 1082FB

■ 429CFB

■ 007AFB

■ 5BA9FB

■ 74B6FB

■ 8DC3FB

■ A6D0FB

■ C0DCFB

■ D9E9FB

■ F2F6FB

FF FFB

Harmonies

Analogous

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



009EF4



298FFB



A578E4

Triad

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



298FFB



E8664C



00A565

Complementary

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



298FFB



FB9529

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.



5E9E31



298FFB



C87D1F

Square

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



298FFB



F15880



9A9108



00A89E

Rectangle

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



298FFB



CE67C7



9A9108



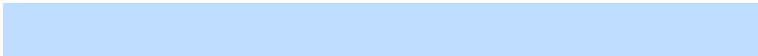
12A352

Sweetspot

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



298FFB



BFDEFF



29FB92



596C80



000000



808080

Same Dimension

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



298FFB



007CFF



2929FB



70777D



005CBD



001E3D

Inverse Universe

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



FB298F



FF007C



FBFB29



7D7077



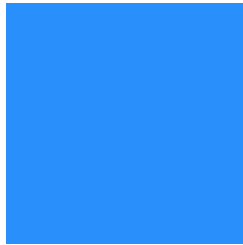
BD005C



3D001E

Previews

White Background



This preview shows how the Hex color 298FFB looks on a white background.

Color Contrast Check

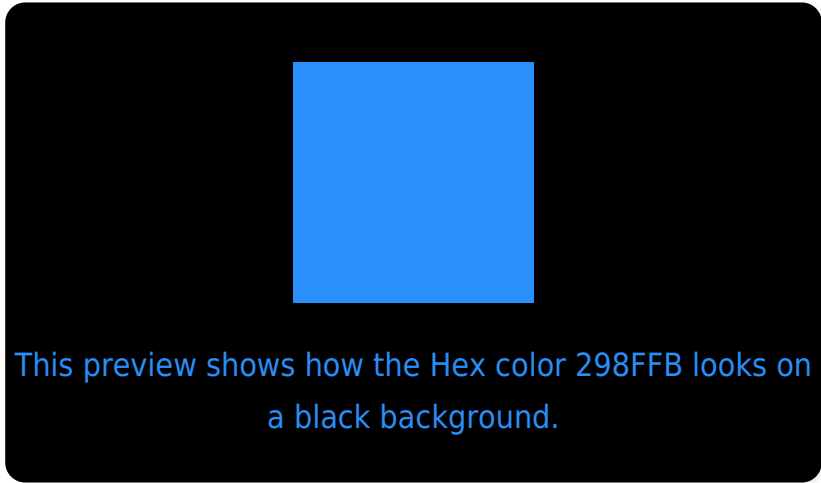
Large Text (above 18pt) WCAG AA ✓ Pass

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

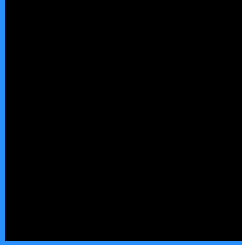
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

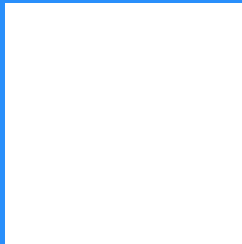
Any Text WCAG AAA × Fail

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

Hex 298FFB Background



This preview shows how black text looks on a background with the Hex color 298FFB.



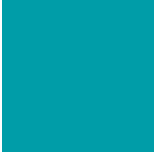
This preview shows how white text looks on a background with the Hex color 298FFB.

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](#).

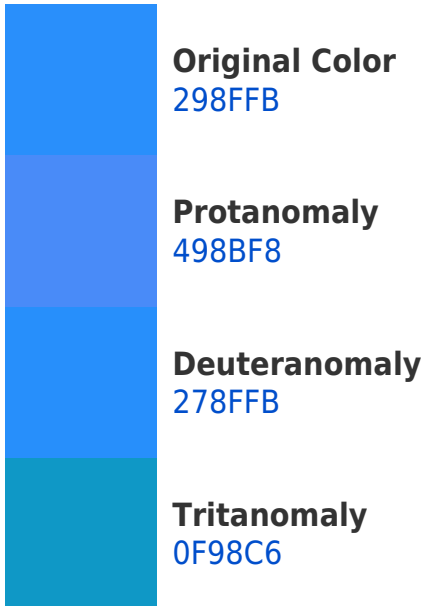
Dichromacy



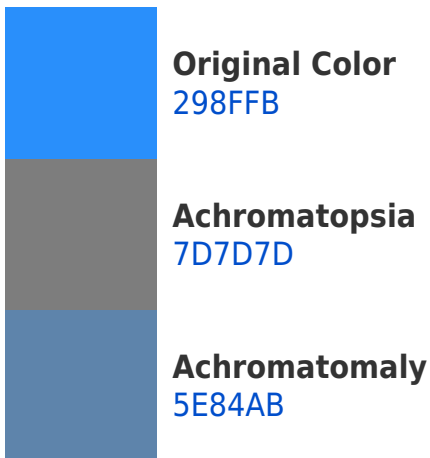


Tritanopia
009DA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 298FFB 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 #298FFB looks like.

```
.text, #text, p{  
    color:#298FFB  
}
```

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 #298FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298FFB
}
```

Border

The CSS property to change the border of an element to Hex 298FFB 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
#298FFB }
```

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

```
.border{ border-color:#298FFB }
```

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

Here you see how a box with a 4 pixel #298FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298FFB; -webkit-box-shadow:4px 4px  
4px 4px #298FFB; box-shadow:4px 4px 4px  
4px #298FFB }
```

Background

The CSS property to change the background color of an element to Hex 298FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298FFB }
```

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

```
.background{ background-color:#298FFB }
```

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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