

Converting Colors

Hex(298FEE)

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

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Color

Hex(298FEE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 298FEE |
| RGB | 41, 143, 238 |
| RGB Percent | 16%, 56%, 93% |
| CMY | 0.8392, 0.4392, 0.0667 |
| CMYK | 0.83, 0.40, 0.00, 0.07 |
| HSL | 209°, 85%, 55% |
| HSV | 209°, 83%, 93% |
| XYZ | 26.1695, 26.2894, 84.5840 |
| YIQ | 123.3320, -91.2870, 7.9210 |

Conversions

Conversions Part 2

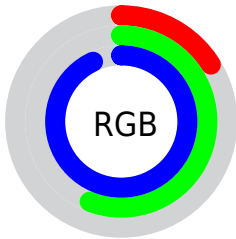
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 41, 108, 238 |
| Decimal | 2723822 |
| CIE _{Lab} | 58.31, 4.97, -55.73 |
| CIE _{LCh} | 58, 55.953, 275.100 |
| Yxy | 26.2894, 0.1910, 0.1918 |
| Android (android.graphics.Color) | 4280913902 (0xFF298FEE) |
| YUV | 123.3320, 56.5313, -72.2052 |
| Hunter-Lab | 51.2732, 1.3773, -61.9179 |

Details

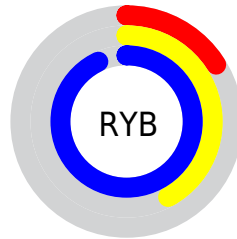
The Hex color **298FEE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EE8829**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **77C4FF**, and **005DB5** is the 20% darker color. If you saturate the color by 10%, you get **1184EE**, and if you desaturate by 10%, it is **419AEE**.

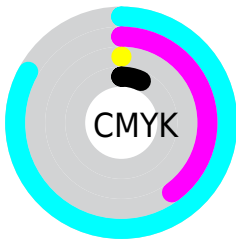
Distribution



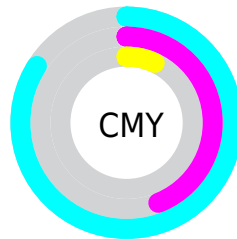
- Red (16%)
- Green (56%)
- Blue (93%)



- Red (16%)
- Yellow (42%)
- Blue (93%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (7%)



- Cyan (84%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 298FEE

 298FEE

FFFFFF

 0076D1

 77C4FF

 005DB5

 97E0FF

 00479A

 B6FDFF

 003180

 D5FFFF

 001E66

 F5FFFF

 000A4D

 000536

 00021F

 000003

■ 298FEE

■ 298FEE

■ 1184EE

■ 419AEE

■ 007BEE

■ 59A6EE

■ 70B1EE

■ 88BDEE

■ A0C8EE

■ B8D4EE

■ D0DFEE

■ E7EBEE

■ FFF6EE

Harmonies

Analogous

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



009CE5



298FEE



997CDD

Triad

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



298FEE



E06757



03A161

Complementary

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



298FEE



EE8829

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.



6B9936



298FEE



C67A31

Square

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



298FEE



E45E86



9E8C20



00A493

Rectangle

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



298FEE



C06EC5



9E8C20



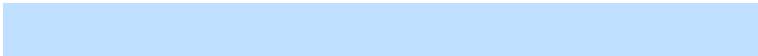
3C9F51

Sweetspot

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



298FEE



BFE0FF



29EE85



596D80



000000



808080

Same Dimension

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



298FEE



0385FF



2930EE



6C7278



005FB8



001D38

Inverse Universe

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



EE298F



FF0385



EEE729



786C72



B8005F



38001D

Previews

White Background



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

Color Contrast Check

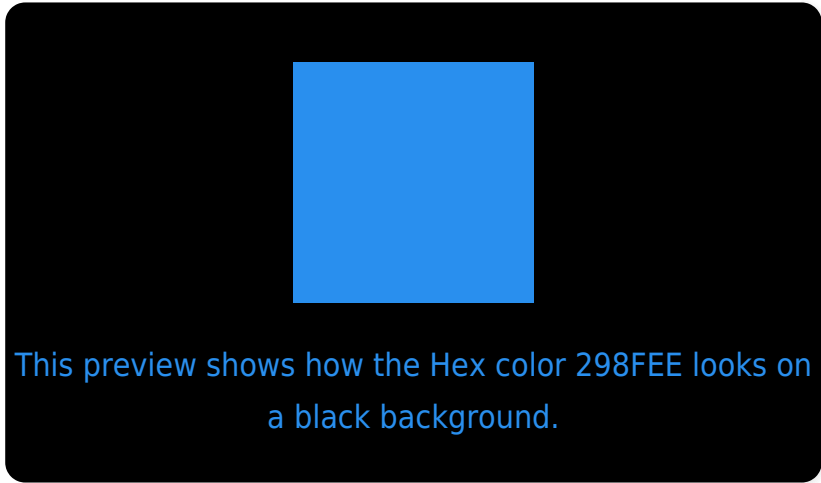
Large Text (above 18pt) WCAG AA ✓ Pass

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

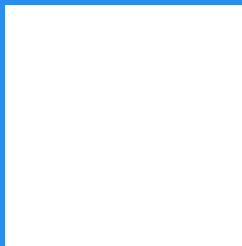
Any Text WCAG AAA × Fail

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

Hex 298FEE Background



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



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

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



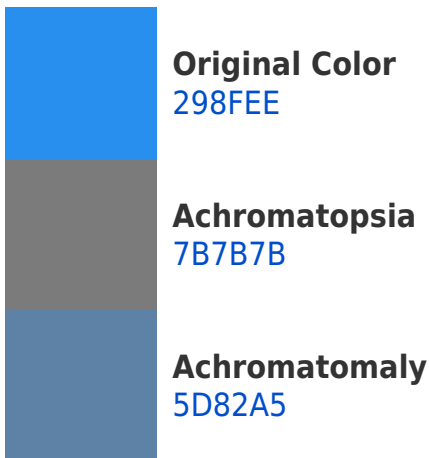


Tritanopia
009BA6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #298FEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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