

Converting Colors

Hex(2289F3)

Have a look what the booklet for
Hex(2289F3) contains.

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Color

Hex(2289F3)

Conversions

Conversions Part 1

Format	Color
Hex	2289F3
RGB	34, 137, 243
RGB Percent	13%, 54%, 95%
CMY	0.8667, 0.4627, 0.0471
CMYK	0.86, 0.44, 0.00, 0.05
HSL	210°, 90%, 54%
HSV	210°, 86%, 95%
XYZ	25.7830, 24.7025, 88.2032
YIQ	118.2870, -95.4140, 11.1300

Conversions

Conversions Part 2

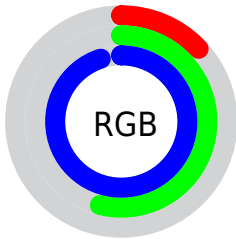
Format	Color
R _Y B	34, 103, 243
Decimal	2263539
CIE Lab	56.78, 9.94, -60.95
CIE LCh	57, 61.755, 279.266
Yxy	24.7025, 0.1859, 0.1781
Android (android.graphics.Color)	4280453619 (0xFF2289F3)
YUV	118.2870, 61.4835, -73.9197
Hunter-Lab	49.7016, 5.6203, -70.4282

Details

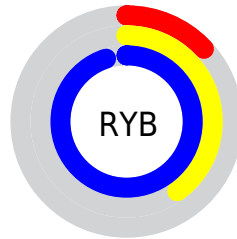
The Hex color **2289F3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F38C22**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **75BEFF**, and **0058BA** is the 20% darker color. If you saturate the color by 10%, you get **0A7DF3**, and if you desaturate by 10%, it is **3A95F3**.

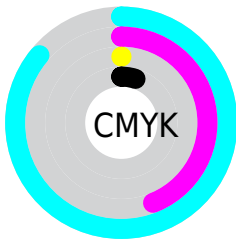
Distribution



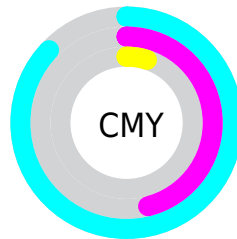
- Red (13%)
- Green (54%)
- Blue (95%)



- Red (13%)
- Yellow (40%)
- Blue (95%)



- Cyan (86%)
- Magenta (44%)
- Yellow (0%)
- Black (5%)



- Cyan (87%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2289F3 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 2289F3 by changing the saturation by 10% instead.

 2289F3

 2289F3

FFFFFF

 0070D6

 75BEFF

 0058BA

 96D9FF

 00429F

 B5F6FF

 002D84

 D5FFFF

 001A6A

 F4FFFF

 000B51

 000539

 000223

 000009

■ 2289F3

■ 2289F3

■ 0A7DF3

■ 3A95F3

■ 0078F3

■ 53A2F3

■ 6BAEF3

■ 83BAF3

■ 9BC7F3

■ B4D3F3

■ CCDFF3

■ E4ECF3

■ FDF8F3

Harmonies

Analogous

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



0098ED



2289F3



A072DC

Triad

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



2289F3



DF6147



009F60

Complementary

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



2289F3



F38C22

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.



59982D



2289F3



C1781A

Square

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



2289F3



E9527A



938B01



00A198

Rectangle

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



2289F3



C762C0



938B01



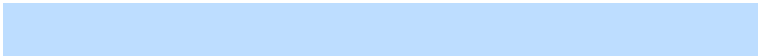
019D4E

Sweetspot

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



2289F3



BDDDFE



22F38B



586B80



000000



808080

Same Dimension

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



2289F3



007EFF



2222F3



6E747A



005CBA



001D3B

Inverse Universe

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



F32289



FF007E



F3F322



7A6E74



BA005C



3B001D

Previews

White Background



This preview shows how the Hex color 2289F3 looks on a white background.

Color Contrast Check

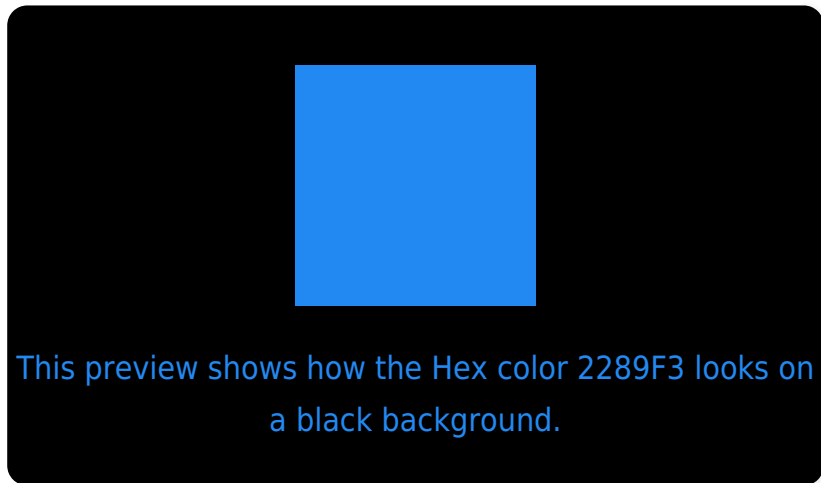
Large Text (above 18pt) WCAG AA ✓ Pass

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

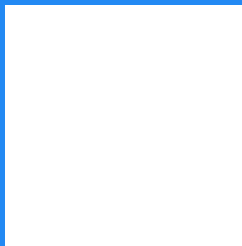
Any Text WCAG AAA × Fail

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

Hex 2289F3 Background



This preview shows how black text looks on a background with the Hex color 2289F3.

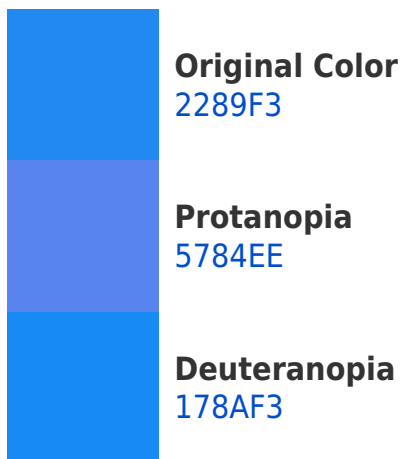


This preview shows how white text looks on a background with the Hex color 2289F3.

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](#).

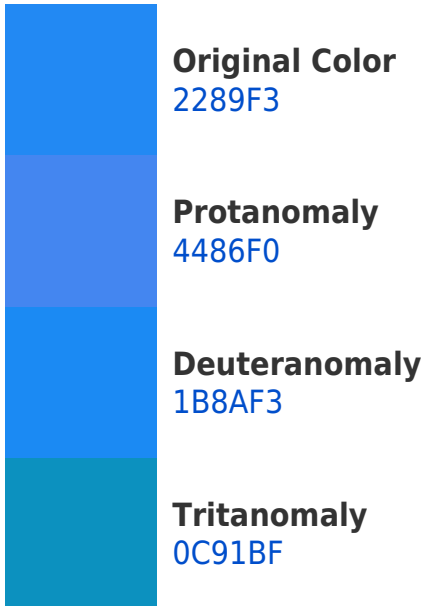
Dichromacy



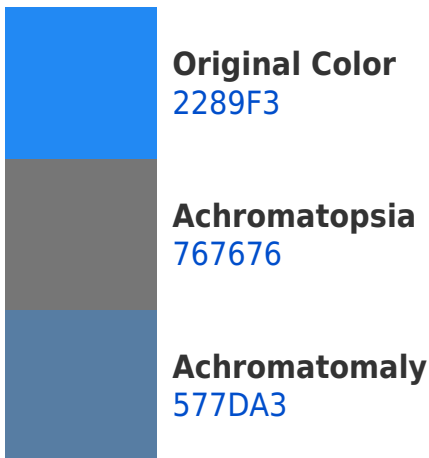


Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2289F3 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 #2289F3 looks like.

```
.text, #text, p{  
    color:#2289F3  
}
```

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 #2289F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2289F3
}
```

Border

The CSS property to change the border of an element to Hex 2289F3 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
#2289F3 }
```

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

```
.border{ border-color:#2289F3 }
```

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

Here you see how a box with a 4 pixel #2289F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2289F3; -webkit-box-shadow:4px 4px  
4px 4px #2289F3; box-shadow:4px 4px 4px  
4px #2289F3 }
```

Background

The CSS property to change the background color of an element to Hex 2289F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2289F3 }
```

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

```
.background{ background-color:#2289F3 }
```

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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