

Converting Colors

Hex(2F89F5)

Have a look what the booklet for
Hex(2F89F5) contains.

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Color

Hex(2F89F5)

Conversions

Conversions Part 1

Format	Color
Hex	2F89F5
RGB	47, 137, 245
RGB Percent	18%, 54%, 96%
CMY	0.8157, 0.4627, 0.0392
CMYK	0.81, 0.44, 0.00, 0.04
HSL	213°, 91%, 57%
HSV	213°, 81%, 96%
XYZ	26.5994, 25.0882, 89.8268
YIQ	122.4020, -88.3080, 14.5080

Conversions

Conversions Part 2

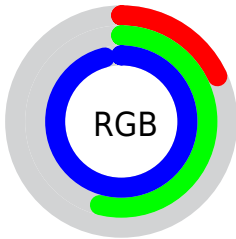
Format	Color
R _Y B	47, 109, 245
Decimal	3115509
CIE Lab	57.16, 11.70, -61.44
CIE LCh	57, 62.541, 280.782
Yxy	25.0882, 0.1880, 0.1773
Android (android.graphics.Color)	4281305589 (0xFF2F89F5)
YUV	122.4020, 60.4408, -66.1276
Hunter-Lab	50.0882, 7.1384, -71.2674

Details

The Hex color **2F89F5** 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 **F59B2F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7BBEFF**, and **0058BC** is the 20% darker color. If you saturate the color by 10%, you get **167CF5**, and if you desaturate by 10%, it is **4896F5**.

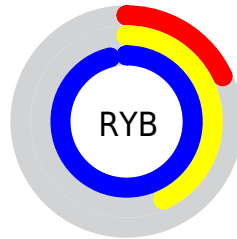
Distribution



Red (18%)

Green (54%)

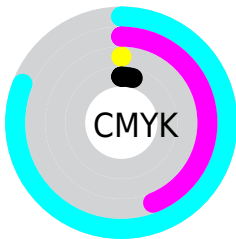
Blue (96%)



Red (18%)

Yellow (43%)

Blue (96%)

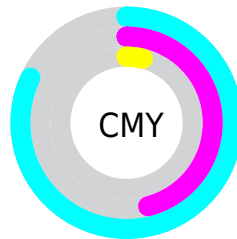


Cyan (81%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (82%)

Magenta (46%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F89F5 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 2F89F5 by changing the saturation by 10% instead.

 2F89F5

 2F89F5

FFFFFF

 0070D8

 7BBEFF

 0058BC

 9CD9FF

 0042A0

 BBF6FF

 002D86

 DAFFFF

 001A6C

 FAFFFF

 000B53

 00063B

 000224

 00000C

■ 2F89F5

■ 2F89F5

■ 167CF5

■ 4896F5

■ 006FF5

■ 60A4F5

■ 79B1F5

■ 91BEF5

■ AACCF5

■ C2D9F5

■ DBE7F5

■ F3F4F5

■ FFFFF5

Harmonies

Analogous

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



0099F0



2F89F5



A472DC

Triad

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



2F89F5



E06244



00A063

Complementary

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



2F89F5



F59B2F

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.



559A2F



2F89F5



C07A17

Square

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



2F89F5



EB5278



928D00



00A39C

Rectangle

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



2F89F5



CC61BF



928D00



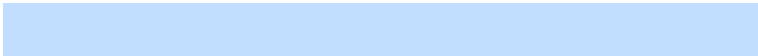
009F51

Sweetspot

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



2F89F5



C2DEFF



2FF599



5B6B80



000000



808080

Same Dimension

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



2F89F5



0878FF



362FF5



6E747A



0055BA



001B3B

Inverse Universe

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



F52F89



FF0878



EEF52F



7A6E74



BA0055



3B001B

Previews

White Background



This preview shows how the Hex color 2F89F5 looks on a white background.

Color Contrast Check

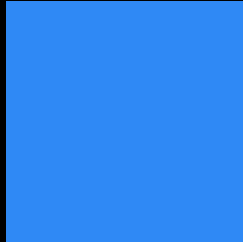
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2F89F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

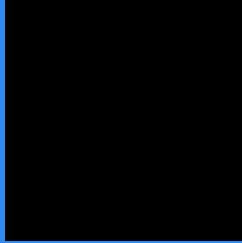
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

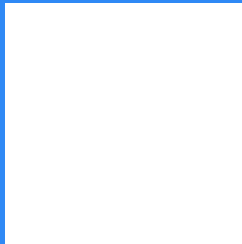
Any Text WCAG AAA × Fail

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

Hex 2F89F5 Background



This preview shows how black text looks on a background with the Hex color 2F89F5.



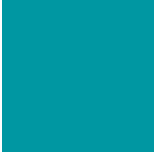
This preview shows how white text looks on a background with the Hex color 2F89F5.

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](#).

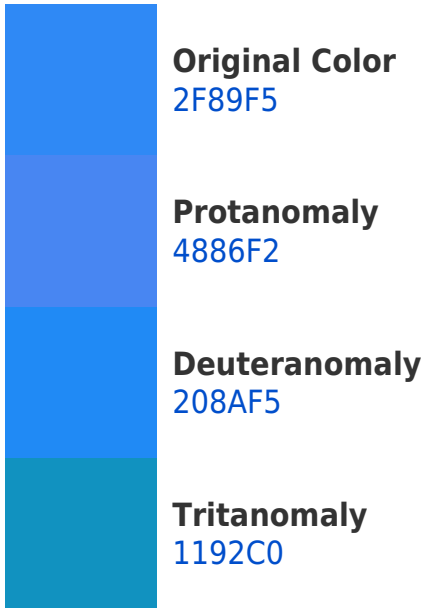
Dichromacy



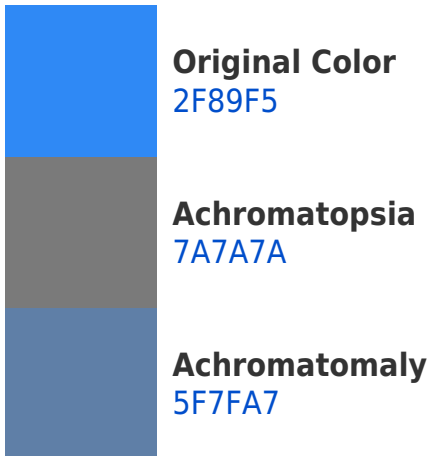


Tritanopia
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F89F5 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 #2F89F5 looks like.

```
.text, #text, p{  
    color:#2F89F5  
}
```

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 #2F89F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F89F5
}
```

Border

The CSS property to change the border of an element to Hex 2F89F5 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
#2F89F5 }
```

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

```
.border{ border-color:#2F89F5 }
```

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

Here you see how a box with a 4 pixel #2F89F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F89F5; -webkit-box-shadow:4px 4px  
4px 4px #2F89F5; box-shadow:4px 4px 4px  
4px #2F89F5 }
```

Background

The CSS property to change the background color of an element to Hex 2F89F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F89F5 }
```

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

```
.background{ background-color:#2F89F5 }
```

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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