

Converting Colors

Hex(419EFA)

Have a look what the booklet for
Hex(419EFA) contains.

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Color

Hex(419EFA)

Conversions

Conversions Part 1

Format	Color
Hex	419EFA
RGB	65, 158, 250
RGB Percent	25%, 62%, 98%
CMY	0.7451, 0.3804, 0.0196
CMYK	0.74, 0.37, 0.00, 0.02
HSL	210°, 95%, 62%
HSV	210°, 74%, 98%
XYZ	31.6622, 32.4797, 95.0429
YIQ	140.6810, -84.9600, 8.8960

Conversions

Conversions Part 2

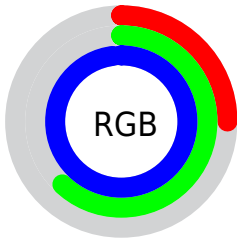
Format	Color
RYB	65, 127, 250
Decimal	4300538
CIELab	63.74, 2.91, -53.66
CIElCh	64, 53.740, 273.106
Yxy	32.4797, 0.1989, 0.2040
Android (android.graphics.Color)	4282490618 (0xFF419EFA)
YUV	140.6810, 53.8943, -66.3722
Hunter-Lab	56.9909, -0.5658, -58.9834

Details

The Hex color **419EFA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FA9D41**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **87D4FF**, and **006BC1** is the 20% darker color. If you saturate the color by 10%, you get **2892FA**, and if you desaturate by 10%, it is **5AAAF4**.

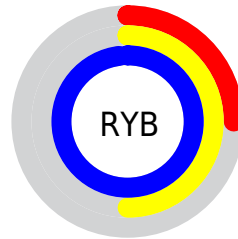
Distribution



Red (25%)

Green (62%)

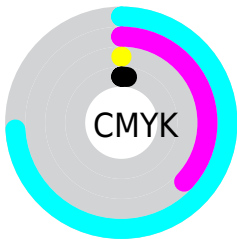
Blue (98%)



Red (25%)

Yellow (50%)

Blue (98%)

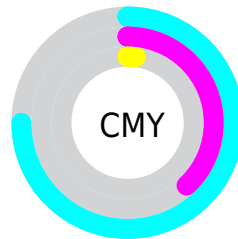


Cyan (74%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (75%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419EFA 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 419EFA by changing the saturation by 10% instead.

 419EFA

 419EFA

FFFFFF

 0084DD

 87D4FF

 006BC1

 A6F0FF

 0054A5

 C5FFFF

 003D8B

 E4FFFF

 002871

 001457

 00073F

 000328

 000112

■ 419EFA

■ 419EFA

■ 2892FA

■ 5AAAF8

■ 0F85FA

■ 73B7FA

■ 007EFA

■ 8CC3FA

■ A5D0FA

■ BEDCFA

■ D7E9FA

■ F0F5FA

■ FFFFFA

Harmonies

Analogous

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



00ABEF



419EFA



A38CEB

Triad

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



419EFA



EF7769



38AF6D

Complementary

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



419EFA



FA9D41

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.



7FA746



419EFA



D78844

Square

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



419EFA



F17097



B09A35



00B29E

Rectangle

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



419EFA



CA7FD4



B09A35



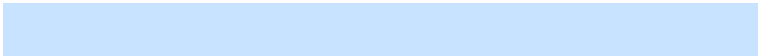
55AD5E

Sweetspot

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



419EFA



C7E3FF



41FA9A



5E6F80



000000



808080

Same Dimension

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



419EFA



1C8EFF



4144FA



70777D



005FBD



001F3D

Inverse Universe

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



FA419E



FF1C8E



FAF741



7D7077



BD005F



3D001F

Previews

White Background



This preview shows how the Hex color 419EFA looks on a white background.

Color Contrast Check

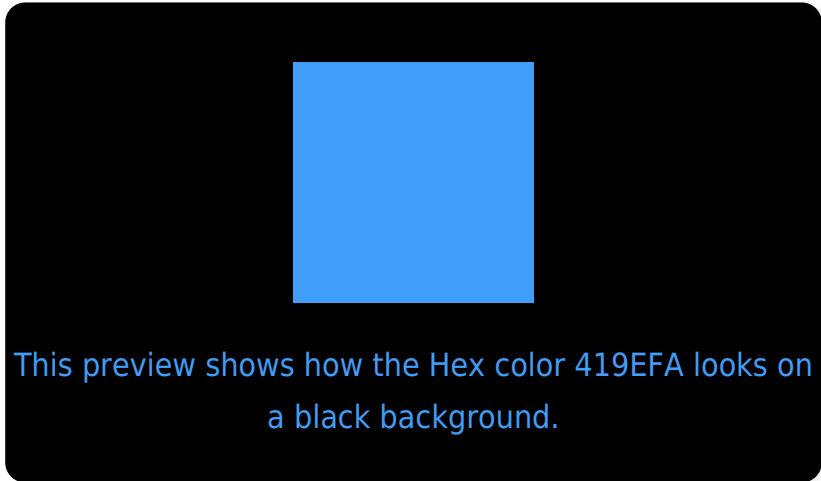
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

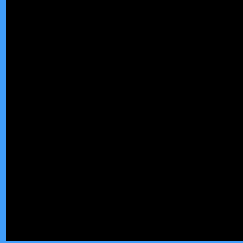
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

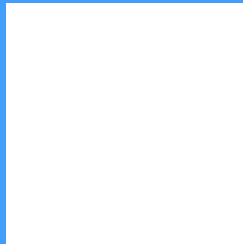
Any Text WCAG AAA ✓ Pass

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

Hex 419EFA Background



This preview shows how black text looks on a background with the Hex color 419EFA.



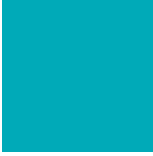
This preview shows how white text looks on a background with the Hex color 419EFA.

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](#).

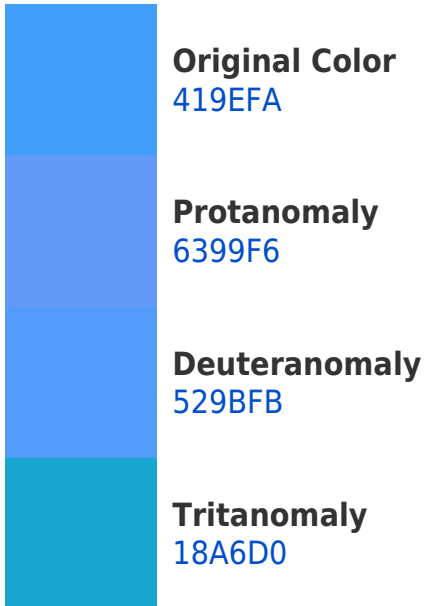
Dichromacy



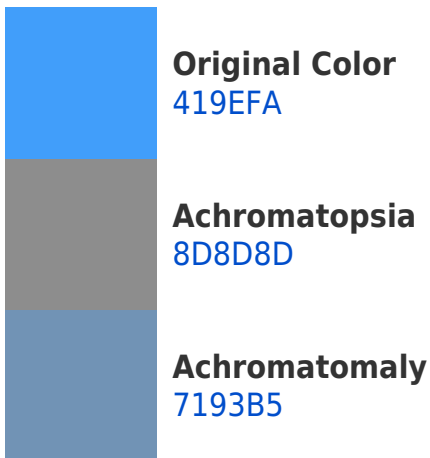


Tritanopia
00AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419EFA 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 #419EFA looks like.

```
.text, #text, p{  
    color:#419EFA  
}
```

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 #419EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419EFA
}
```

Border

The CSS property to change the border of an element to Hex 419EFA 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
#419EFA }
```

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

```
.border{ border-color:#419EFA }
```

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

Here you see how a box with a 4 pixel #419EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419EFA; -webkit-box-shadow:4px 4px  
4px 4px #419EFA; box-shadow:4px 4px 4px  
4px #419EFA }
```

Background

The CSS property to change the background color of an element to Hex 419EFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419EFA }
```

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

```
.background{ background-color:#419EFA }
```

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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