

Converting Colors

Hex(499FE9)

Have a look what the booklet for
Hex(499FE9) contains.

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Color

Hex(499FE9)

Conversions

Conversions Part 1

Format	Color
Hex	499FE9
RGB	73, 159, 233
RGB Percent	29%, 62%, 91%
CMY	0.7137, 0.3765, 0.0863
CMYK	0.69, 0.32, 0.00, 0.09
HSL	208°, 78%, 60%
HSV	208°, 69%, 91%
XYZ	29.8538, 32.0959, 81.7125
YIQ	141.7220, -75.0100, 4.7820

Conversions

Conversions Part 2

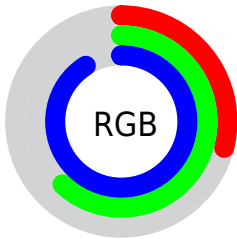
Format	Color
R _Y B	73, 129, 233
Decimal	4825065
CIE Lab	63.42, -2.46, -44.81
CIE LCh	63, 44.882, 266.860
Yxy	32.0959, 0.2078, 0.2234
Android (android.graphics.Color)	4283015145 (0xFF499FE9)
YUV	141.7220, 45.0001, -60.2692
Hunter-Lab	56.6533, -5.0816, -45.8582

Details

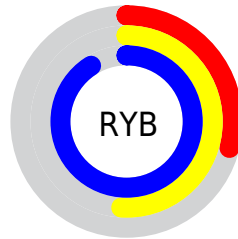
The Hex color **499FE9** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E99349**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8AD5FF**, and **006CB1** is the 20% darker color. If you saturate the color by 10%, you get **3294E9**, and if you desaturate by 10%, it is **60AAE9**.

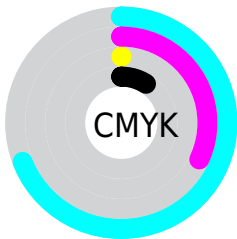
Distribution



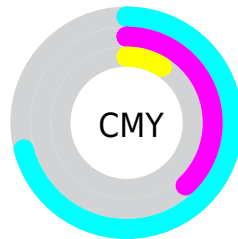
- Red (29%)
- Green (62%)
- Blue (91%)



- Red (29%)
- Yellow (51%)
- Blue (91%)



- Cyan (69%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499FE9 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 499FE9 by changing the saturation by 10% instead.

 499FE9

 499FE9

FFFFFF

 1D85CD

 8AD5FF

 006CB1

 A8F2FF

 005496

 C6FFFF

 003D7C

 E5FFFF

 002862

 00144A

 000433

 00021D

 000000

■ 499FE9

■ 499FE9

■ 3294E9

■ 60AAE9

■ 1A89E9

■ 78B5E9

■ 037FE9

■ 8FBFE9

■ 007DE9

■ A6CAE9

■ BED5E9

■ D5E0E9

■ ECEAE9

■ FFF5E9

■ FFFF E9

Harmonies

Analogous

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



00A9DC



499FE9



9691E1

Triad

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



499FE9



E47B78



5CAA6C

Complementary

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



499FE9



E99349

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.



8DA250



499FE9



D48758

Square

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



499FE9



E1799F



B59648



00AE94

Rectangle

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



499FE9



B986D1



B59648



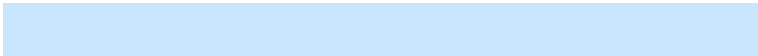
6EA861

Sweetspot

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



499FE9



C9E6FF



49E991



607180



000000



808080

Same Dimension

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



499FE9



2E9EFF



4951E9



6A7075



0061B5



001D36

Inverse Universe

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



E9499F



FF2E9E



E9E149



756A70



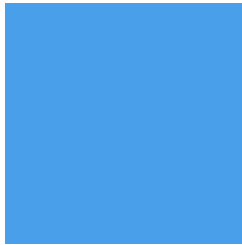
B50061



36001D

Previews

White Background



This preview shows how the Hex color 499FE9 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

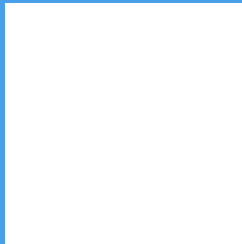
Any Text WCAG AAA ✓ Pass

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

Hex 499FE9 Background



This preview shows how black text looks on a background with the Hex color 499FE9.



This preview shows how white text looks on a background with the Hex color 499FE9.

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](#).

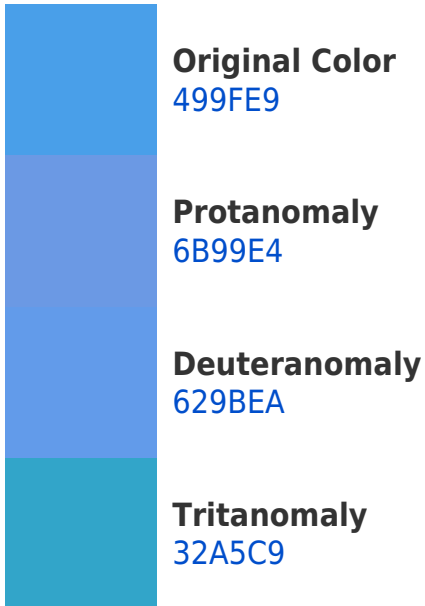
Dichromacy



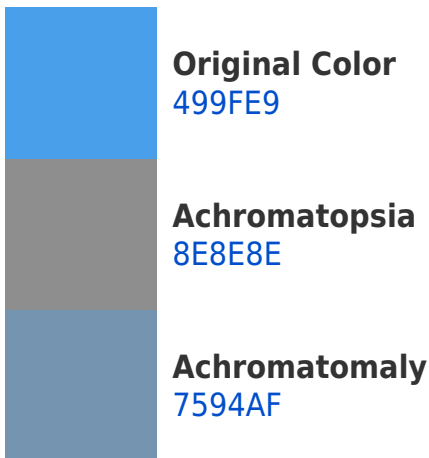


Tritanopia
25A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 499FE9 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 #499FE9 looks like.

```
.text, #text, p{  
    color:#499FE9  
}
```

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 #499FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499FE9
}
```

Border

The CSS property to change the border of an element to Hex 499FE9 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
#499FE9 }
```

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

```
.border{ border-color:#499FE9 }
```

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

Here you see how a box with a 4 pixel #499FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499FE9; -webkit-box-shadow:4px 4px  
4px 4px #499FE9; box-shadow:4px 4px 4px  
4px #499FE9 }
```

Background

The CSS property to change the background color of an element to Hex 499FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499FE9 }
```

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

```
.background{ background-color:#499FE9 }
```

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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