

Converting Colors

Hex(489EF0)

Have a look what the booklet for
Hex(489EF0) contains.

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Color

Hex(489EF0)

Conversions

Conversions Part 1

Format	Color
Hex	489EF0
RGB	72, 158, 240
RGB Percent	28%, 62%, 94%
CMY	0.7176, 0.3804, 0.0588
CMYK	0.70, 0.34, 0.00, 0.06
HSL	209°, 85%, 61%
HSV	209°, 70%, 94%
XYZ	30.6275, 32.1227, 87.0241
YIQ	141.6340, -77.5780, 7.2700

Conversions

Conversions Part 2

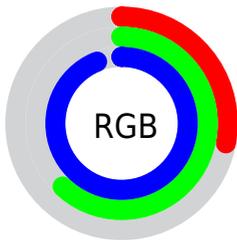
Format	Color
R _Y B	72, 129, 240
Decimal	4759280
CIE Lab	63.44, 0.36, -48.63
CIE LCh	63, 48.634, 270.422
Yxy	32.1227, 0.2045, 0.2145
Android (android.graphics.Color)	4282949360 (0xFF489EF0)
YUV	141.6340, 48.4944, -61.0690
Hunter-Lab	56.6769, -2.7253, -51.3626

Details

The Hex color **489EF0** 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 **F09A48**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8AD4FF**, and **006BB7** is the 20% darker color. If you saturate the color by 10%, you get **3092F0**, and if you desaturate by 10%, it is **60AAF0**.

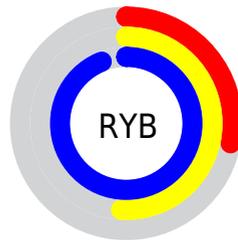
Distribution



Red (28%)

Green (62%)

Blue (94%)



Red (28%)

Yellow (51%)

Blue (94%)

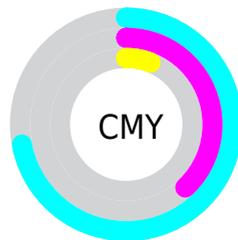


Cyan (70%)

Magenta (34%)

Yellow (0%)

Black (6%)



Cyan (72%)

Magenta (38%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489EF0 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 489EF0 by changing the saturation by 10% instead.

■ 489EF0

■ 489EF0

FFFFFF

■ 1984D3

■ 8AD4FF

■ 006BB7

■ A9F1FF

■ 00539C

■ C7FFFF

■ 003D82

■ E6FFFF

■ 002868

■ 001350

■ 000538

■ 000221

■ 000007

■ 489EF0

■ 489EF0

■ 3092F0

■ 60AAF0

■ 1887F0

■ 78B5F0

■ 007BF0

■ 90C1F0

■ A8CDF0

■ C0D9F0

■ D8E4F0

■ F0F0F0

■ FFFCF0

■ FFFFF0

Harmonies

Analogous

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



00A9E4



489EF0



9D8EE4

Triad

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



489EF0



E87970



4DAC6D

Complementary

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



489EF0



F09A48

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.



86A44C



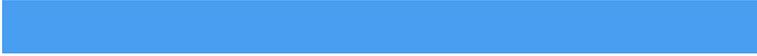
489EF0



D4884F

Square

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



489EF0



E8759B



B29740



00AF99

Rectangle

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



489EF0



C183D1



B29740



63AA60

Sweetspot

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



489EF0



C9E5FF



48F099



607080



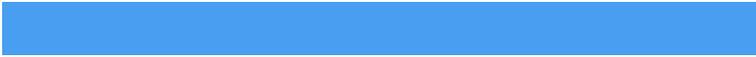
000000



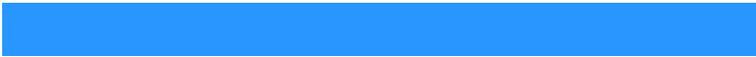
808080

Same Dimension

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



489EF0



2996FF



484BF0



6C7278



005EB8



001D38

Inverse Universe

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



F0489E



FF2996



F0ED48



786C72



B8005E



38001D

Previews

White Background



This preview shows how the Hex color 489EF0 looks on a white background.

Color Contrast Check

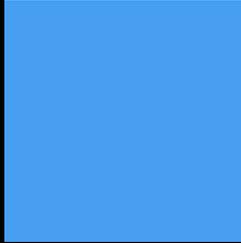
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 489EF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

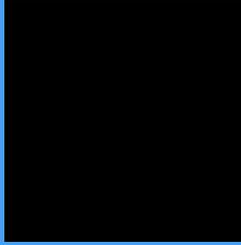
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

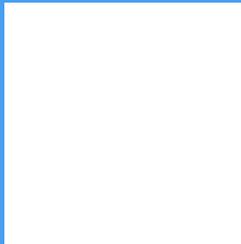
Any Text WCAG AAA ✓ Pass

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

Hex 489EF0 Background



This preview shows how black text looks on a background with the Hex color 489EF0.



This preview shows how white text looks on a background with the Hex color 489EF0.

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](#).

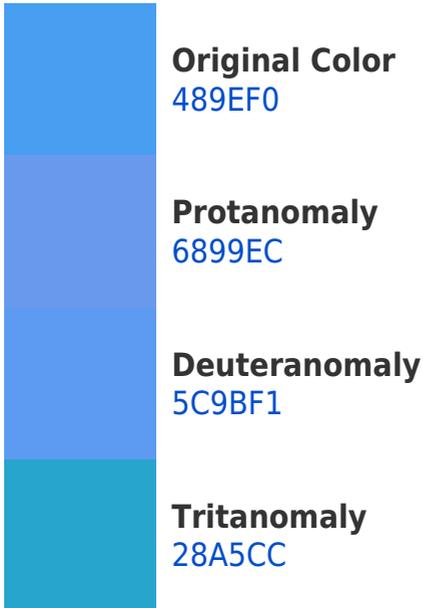
Dichromacy



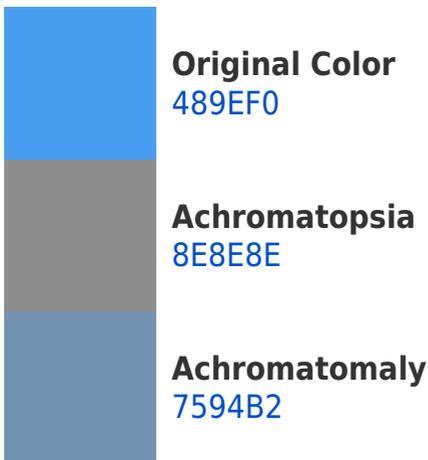


Tritanopia
16A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 489EF0 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 #489EF0 looks like.

```
.text, #text, p{  
    color:#489EF0  
}
```

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 #489EF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489EF0
}
```

Border

The CSS property to change the border of an element to Hex 489EF0 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
#489EF0 }
```

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

```
.border{ border-color:#489EF0 }
```

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

Here you see how a box with a 4 pixel #489EF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489EF0; -webkit-box-shadow:4px 4px  
4px 4px #489EF0; box-shadow:4px 4px 4px  
4px #489EF0 }
```

Background

The CSS property to change the background color of an element to Hex 489EF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489EF0 }
```

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

```
.background{ background-color:#489EF0 }
```

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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