

Converting Colors

Hex(4AA1EF)

Have a look what the booklet for
Hex(4AA1EF) contains.

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Color

Hex(4AA1EF)

Conversions

Conversions Part 1

Format	Color
Hex	4AA1EF
RGB	74, 161, 239
RGB Percent	29%, 63%, 94%
CMY	0.7098, 0.3686, 0.0627
CMYK	0.69, 0.33, 0.00, 0.06
HSL	208°, 84%, 61%
HSV	208°, 69%, 94%
XYZ	31.1489, 33.1776, 86.4235
YIQ	143.8790, -76.8900, 5.8140

Conversions

Conversions Part 2

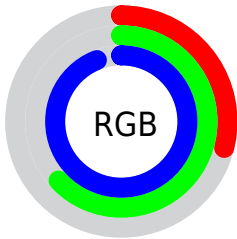
Format	Color
R _Y B	74, 131, 239
Decimal	4891119
CIE Lab	64.30, -1.42, -46.72
CIE LCh	64, 46.743, 268.264
Yxy	33.1776, 0.2066, 0.2201
Android (android.graphics.Color)	4283081199 (0xFF4AA1EF)
YUV	143.8790, 46.8947, -61.2839
Hunter-Lab	57.6000, -4.2708, -48.6393

Details

The Hex color **4AA1EF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **EF984A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BD7FF**, and **006EB7** is the 20% darker color. If you saturate the color by 10%, you get **3296EF**, and if you desaturate by 10%, it is **62ACEF**.

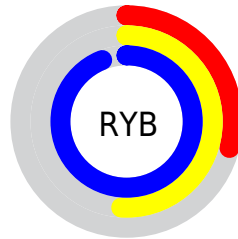
Distribution



Red (29%)

Green (63%)

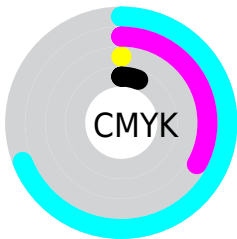
Blue (94%)



Red (29%)

Yellow (51%)

Blue (94%)

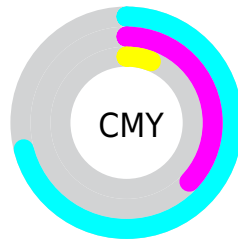


Cyan (69%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (37%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA1EF 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 4AA1EF by changing the saturation by 10% instead.

■ 4AA1EF

■ 4AA1EF

FFFFFF

■ 1D87D2

■ 8BD7FF

■ 006EB7

■ AAF4FF

■ 00569B

■ C8FFFF

■ 003F81

■ E7FFFF

■ 002A67

■ 00164F

■ 000537

■ 000221

■ 000006

■ 4AA1EF

■ 4AA1EF

■ 3296EF

■ 62ACEF

■ 1A8AEF

■ 7AB8EF

■ 027FEF

■ 92C3EF

■ 007EEF

■ AACEEF

■ C2D9EF

■ D9E5EF

■ F1F0EF

■ FFFBEF

■ FFFFEF

Harmonies

Analogous

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



00ABE2



4AA1EF



9B92E5

Triad

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



4AA1EF



E97C77



58AD6E

Complementary

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



4AA1EF



EF984A

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.



8DA54F



4AA1EF



D78A56

Square

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



4AA1EF



E779A0



B79946



00B198

Rectangle

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



4AA1EF



BF87D4



B79946



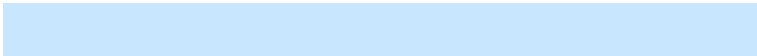
6CAB62

Sweetspot

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



4AA1EF



C9E6FF



4AEF97



607080



000000



808080

Same Dimension

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



4AA1EF



2B9BFF



4A4FEF



6C7278



0061B8



001E38

Inverse Universe

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



EF4AA1



FF2B9B



EFEA4A



786C72



B80061



38001E

Previews

White Background



This preview shows how the Hex color 4AA1EF looks on a white background.

Color Contrast Check

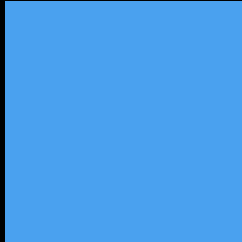
Large Text (above 18pt) WCAG AA × Fail

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 4AA1EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

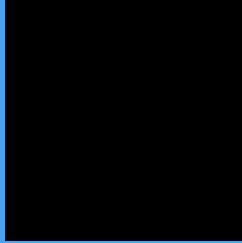
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

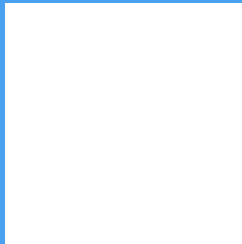
Any Text WCAG AAA ✓ Pass

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

Hex 4AA1EF Background



This preview shows how black text looks on a background with the Hex color 4AA1EF.



This preview shows how white text looks on a background with the Hex color 4AA1EF.

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](#).

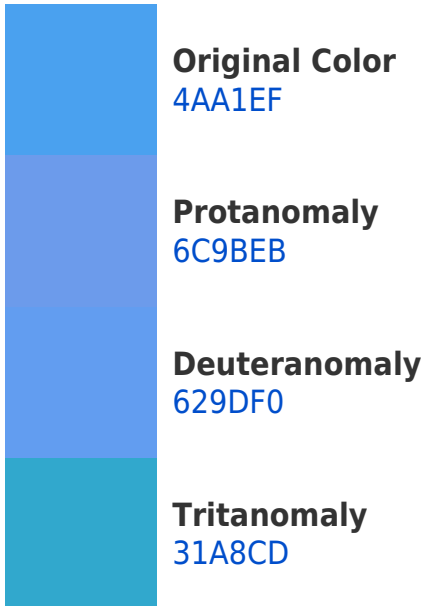
Dichromacy



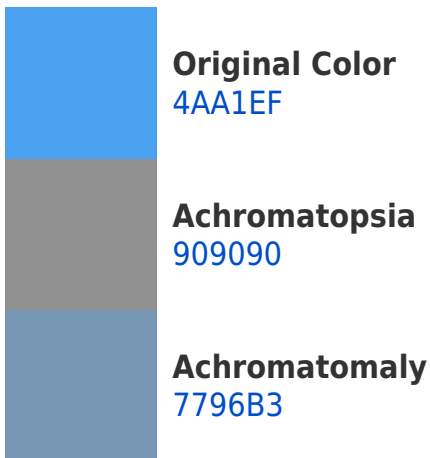


Tritanopia
22ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA1EF 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 #4AA1EF looks like.

```
.text, #text, p{  
    color:#4AA1EF  
}
```

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 #4AA1EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA1EF
}
```

Border

The CSS property to change the border of an element to Hex 4AA1EF 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
#4AA1EF }
```

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

```
.border{ border-color:#4AA1EF }
```

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

Here you see how a box with a 4 pixel #4AA1EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA1EF; -webkit-box-shadow:4px 4px  
4px 4px #4AA1EF; box-shadow:4px 4px 4px  
4px #4AA1EF }
```

Background

The CSS property to change the background color of an element to Hex 4AA1EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA1EF }
```

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

```
.background{ background-color:#4AA1EF }
```

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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