

Converting Colors

Hex(44AEF1)

Have a look what the booklet for
Hex(44AEF1) contains.

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Color

Hex(44AEF1)

Conversions

Conversions Part 1

Format	Color
Hex	44AEF1
RGB	68, 174, 241
RGB Percent	27%, 68%, 95%
CMY	0.7333, 0.3176, 0.0549
CMYK	0.72, 0.28, 0.00, 0.05
HSL	203°, 86%, 61%
HSV	203°, 72%, 95%
XYZ	33.3971, 37.8519, 88.7650
YIQ	149.9440, -84.6830, -1.6350

Conversions

Conversions Part 2

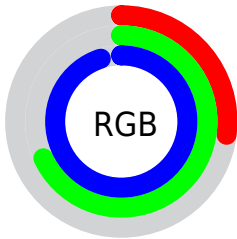
Format	Color
R _Y B	68, 134, 241
Decimal	4501233
CIE Lab	67.91, -8.86, -42.16
CIE LCh	68, 43.081, 258.130
Yxy	37.8519, 0.2087, 0.2366
Android (android.graphics.Color)	4282691313 (0xFF44AEF1)
YUV	149.9440, 44.8906, -71.8649
Hunter-Lab	61.5239, -10.7714, -42.4753

Details

The Hex color **44AEF1** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F18744**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **88E5FF**, and **007AB9** is the 20% darker color. If you saturate the color by 10%, you get **2CA5F1**, and if you desaturate by 10%, it is **5CB7F1**.

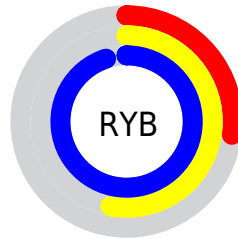
Distribution



Red (27%)

Green (68%)

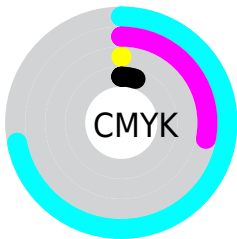
Blue (95%)



Red (27%)

Yellow (53%)

Blue (95%)

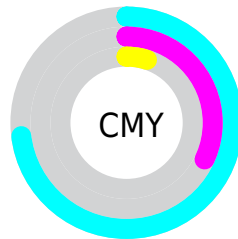


Cyan (72%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AEF1 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 44AEF1 by changing the saturation by 10% instead.

 44AEF1

 44AEF1

FFFFFF

 0B93D4

 88E5FF

 007AB9

 A7FFFF

 00619D

 C5FFFF

 004A83

 E4FFFF

 003369

 001F51

 00053A

 000223

 00000A

■ 44AEF1

■ 44AEF1

■ 2CA5F1

■ 5CB7F1

■ 149BF1

■ 74C1F1

■ 0094F1

■ 8CCAF1

■ A4D3F1

■ BCDDF1

■ D5E6F1

■ EDEFF1

■ FFF9F1

■ FFFFF1

Harmonies

Analogous

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



00B6DE



44AEF1



91A1EF

Triad

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



44AEF1



F0878F



7AB470

Complementary

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



44AEF1



F18744

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.



A6AB5A



44AEF1



E6906D

Square

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



44AEF1



E788B7



CB9E59



40B994

Rectangle

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



44AEF1



B797E3



CB9E59



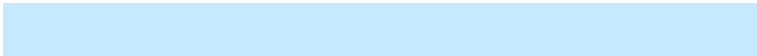
8AB167

Sweetspot

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



44AEF1



C7E9FF



44F186



5E7380



000000



808080

Same Dimension

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



44AEF1



24AAFF



4458F1



6C7378



0070B8



002238

Inverse Universe

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



F144AE



FF24AA



F1DD44



786C73



B80070



380022

Previews

White Background



This preview shows how the Hex color 44AEF1 looks on a white background.

Color Contrast Check

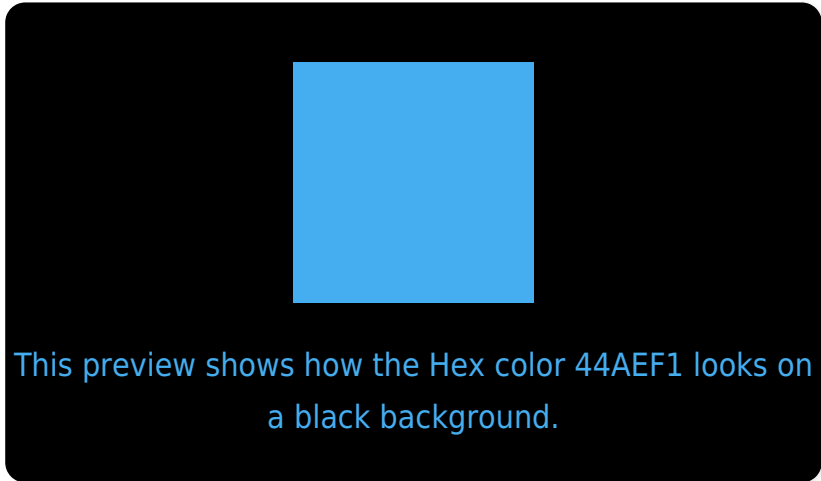
Large Text (above 18pt) WCAG AA × Fail

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

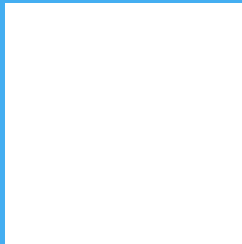
Any Text WCAG AAA ✓ Pass

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

Hex 44AEF1 Background



This preview shows how black text looks on a background with the Hex color 44AEF1.

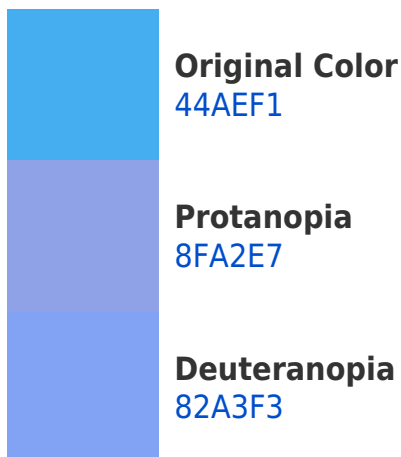


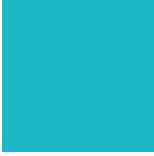
This preview shows how white text looks on a background with the Hex color 44AEF1.

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](#).

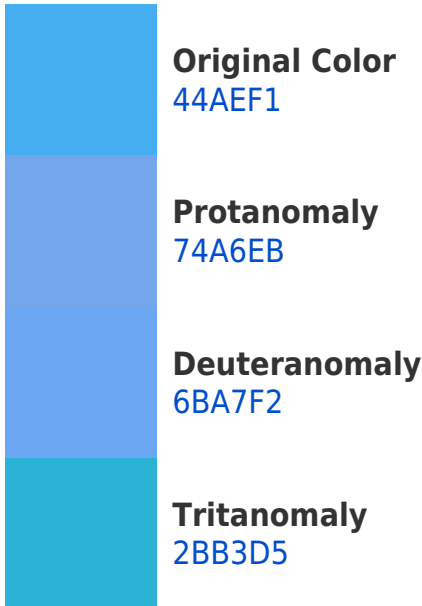
Dichromacy



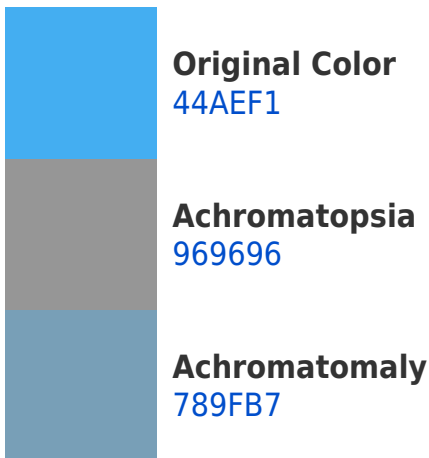


Tritanopia
1DB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44AEF1 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 #44AEF1 looks like.

```
.text, #text, p{  
    color:#44AEF1  
}
```

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 #44AEF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AEF1
}
```

Border

The CSS property to change the border of an element to Hex 44AEF1 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
#44AEF1 }
```

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

```
.border{ border-color:#44AEF1 }
```

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

Here you see how a box with a 4 pixel #44AEF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AEF1; -webkit-box-shadow:4px 4px  
4px 4px #44AEF1; box-shadow:4px 4px 4px  
4px #44AEF1 }
```

Background

The CSS property to change the background color of an element to Hex 44AEF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AEF1 }
```

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

```
.background{ background-color:#44AEF1 }
```

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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