

Converting Colors

Hex(439CEE)

Have a look what the booklet for
Hex(439CEE) contains.

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Color

Hex(439CEE)

Conversions

Conversions Part 1

Format	Color
Hex	439CEE
RGB	67, 156, 238
RGB Percent	26%, 61%, 93%
CMY	0.7373, 0.3882, 0.0667
CMYK	0.72, 0.34, 0.00, 0.07
HSL	209°, 83%, 60%
HSV	209°, 72%, 93%
XYZ	29.6358, 31.1433, 85.3382
YIQ	138.7370, -79.3660, 6.6340

Conversions

Conversions Part 2

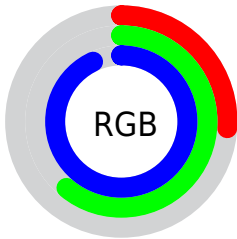
Format	Color
R _{YB}	67, 126, 238
Decimal	4431086
CIE Lab	62.63, 0.13, -48.83
CIE LCh	63, 48.833, 270.157
Yxy	31.1433, 0.2028, 0.2131
Android (android.graphics.Color)	4282621166 (0xFF439CEE)
YUV	138.7370, 48.9367, -62.9133
Hunter-Lab	55.8062, -2.8685, -51.6013

Details

The Hex color **439CEE** 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 **EE9543**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **86D2FF**, and **0069B6** is the 20% darker color. If you saturate the color by 10%, you get **2B91EE**, and if you desaturate by 10%, it is **5BA7EE**.

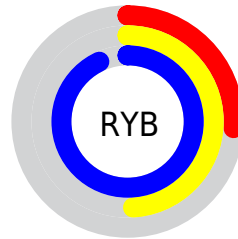
Distribution



Red (26%)

Green (61%)

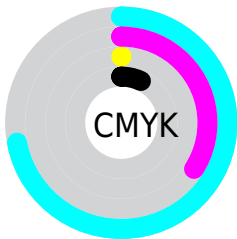
Blue (93%)



Red (26%)

Yellow (49%)

Blue (93%)

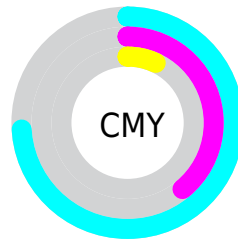


Cyan (72%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 439CEE 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 439CEE by changing the saturation by 10% instead.

 439CEE

 439CEE

FFFFFF

 0B82D1

 86D2FF

 0069B6

 A5EEFF

 00529A

 C4FFFF

 003B80

 E2FFFF

 002666

 00114E

 000536

 000220

 000004

■ 439CEE

■ 439CEE

■ 2B91EE

■ 5BA7EE

■ 1385EE

■ 73B3EE

■ 007CEE

■ 8ABEEE

■ A2CAEE

■ BAD5EE

■ D2E0EE

■ EAEECE

■ FFF7EE

■ FFFFEE

Harmonies

Analogous

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



00A7E2



439CEE



9A8CE3

Triad

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



439CEE



E6776E



4BAA6B

Complementary

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



439CEE



EE9543

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.



84A249



439CEE



D2854D

Square

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



439CEE



E67299



B0953D



00AD96

Rectangle

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



439CEE



BF80CF



B0953D



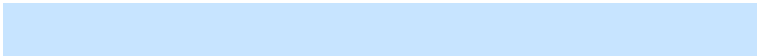
61A75E

Sweetspot

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



439CEE



C7E4FF



43EE93



5E7080



000000



808080

Same Dimension

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



439CEE



2496FF



4349EE



6C7278



0060B8



001D38

Inverse Universe

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



EE439C



FF2496



EEE843



786C72



B80060



38001D

Previews

White Background



This preview shows how the Hex color 439CEE looks on a white background.

Color Contrast Check

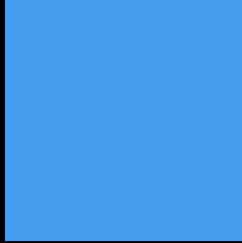
Large Text (above 18pt) WCAG AA × Fail

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 439CEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

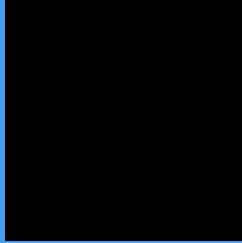
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

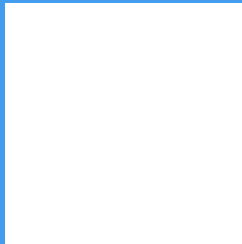
Any Text WCAG AAA ✓ Pass

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

Hex 439CEE Background



This preview shows how black text looks on a background with the Hex color 439CEE.

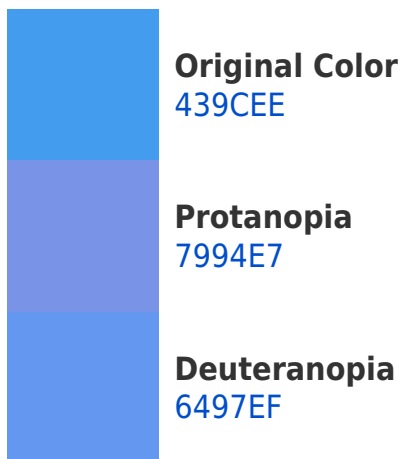


This preview shows how white text looks on a background with the Hex color 439CEE.

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



Trichromacy



Original Color
439CEE

Protanomaly
6597EA

Deuteranomaly
5899EF

Monochromacy



Original Color
439CEE

Achromatopsia
8B8B8B

Achromatomaly
7191AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 439CEE 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 #439CEE looks like.

```
.text, #text, p{  
    color:#439CEE  
}
```

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 #439CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #439CEE
}
```

Border

The CSS property to change the border of an element to Hex 439CEE 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
#439CEE }
```

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

```
.border{ border-color:#439CEE }
```

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

Here you see how a box with a 4 pixel #439CEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #439CEE; -webkit-box-shadow:4px 4px  
4px 4px #439CEE; box-shadow:4px 4px 4px  
4px #439CEE }
```

Background

The CSS property to change the background color of an element to Hex 439CEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#439CEE }
```

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

```
.background{ background-color:#439CEE }
```

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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