

Converting Colors

Hex(44CEE9)

Have a look what the booklet for
Hex(44CEE9) contains.

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Color

Hex(44CEE9)

Conversions

Conversions Part 1

Format	Color
Hex	44CEE9
RGB	68, 206, 233
RGB Percent	27%, 81%, 91%
CMY	0.7333, 0.1922, 0.0863
CMYK	0.71, 0.12, 0.00, 0.09
HSL	190°, 79%, 59%
HSV	190°, 71%, 91%
XYZ	39.1632, 51.2547, 84.9198
YIQ	167.8160, -90.9150, -20.8590

Conversions

Conversions Part 2

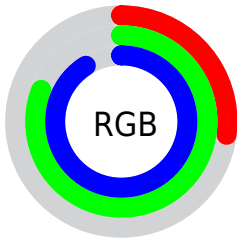
Format	Color
RYB	68, 143, 233
Decimal	4509417
CIELab	76.83, -28.08, -24.04
CIElCh	77, 36.964, 220.568
Yxy	51.2547, 0.2234, 0.2923
Android (android.graphics.Color)	4282699497 (0xFF44CEE9)
YUV	167.8160, 32.1357, -87.5386
Hunter-Lab	71.5924, -27.6419, -20.2125

Details

The Hex color **44CEE9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **E95F44**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **88FFFF**, and **0097B1** is the 20% darker color. If you saturate the color by 10%, you get **2DCAE9**, and if you desaturate by 10%, it is **5BD2E9**.

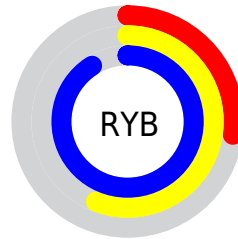
Distribution



Red (27%)

Green (81%)

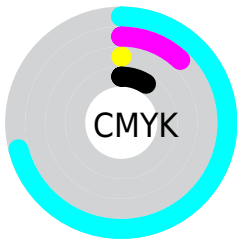
Blue (91%)



Red (27%)

Yellow (56%)

Blue (91%)

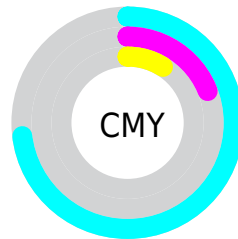


Cyan (71%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44CEE9 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 44CEE9 by changing the saturation by 10% instead.

 44CEE9

 44CEE9

FFFFFF

 07B2CD

 88FFFF

 0097B1

 A8FFFF

 007D97

 C7FFFF

 00647D

 E6FFFF

 004C64

 00344C

 002135

 000220

 000003

■ 44CEE9

■ 44CEE9

■ 2DCAE9

■ 5BD2E9

■ 15C6E9

■ 73D6E9

■ 00C3E9

■ 8AD9E9

■ A1DDE9

■ B8E1E9

■ D0E5E9

■ E7E9E9

■ FEEDE9

■ FFF0E9

Harmonies

Analogous

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



52D0C9



44CEE9



6BC7FD

Triad

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



44CEE9



F3A7D5



C9BF7A

Complementary

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



44CEE9



E95F44

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.



E8B47E



44CEE9



FFA4B3

Square

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



44CEE9



D1B0F2



FCA993



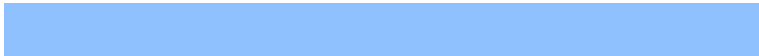
A3C989

Rectangle

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



44CEE9



8FC1FF



FCA993



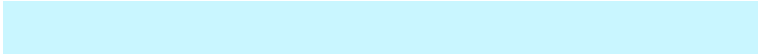
D4BC79

Sweetspot

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



44CEE9



C9F6FF



44E95D



607A80



000000



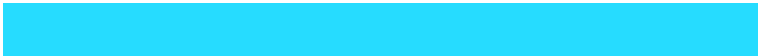
808080

Same Dimension

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



44CEE9



26DCFF



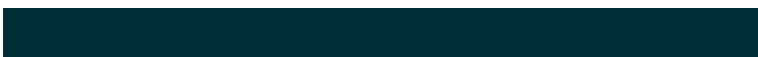
447EE9



6A7375



0097B5



002D36

Inverse Universe

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



E944CE



FF26DC



E9AF44



756A73



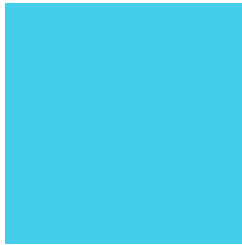
B50097



36002D

Previews

White Background



This preview shows how the Hex color 44CEE9 looks on a white background.

Color Contrast Check

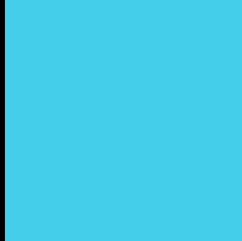
Large Text (above 18pt) WCAG AA × Fail

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 44CEE9 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 44CEE9 Background



This preview shows how black text looks on a background with the Hex color 44CEE9.

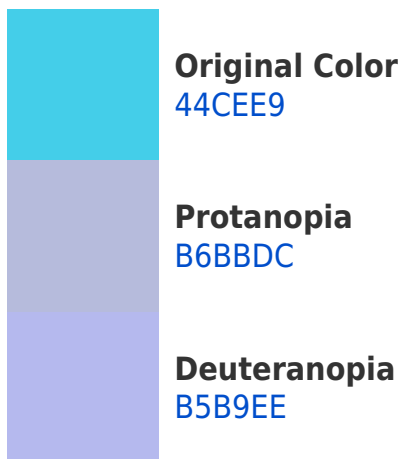


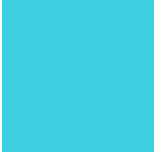
This preview shows how white text looks on a background with the Hex color 44CEE9.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44CEE9 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 #44CEE9 looks like.

```
.text, #text, p{  
    color:#44CEE9  
}
```

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 #44CEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44CEE9
}
```

Border

The CSS property to change the border of an element to Hex 44CEE9 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
#44CEE9 }
```

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

```
.border{ border-color:#44CEE9 }
```

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

Here you see how a box with a 4 pixel #44CEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44CEE9; -webkit-box-shadow:4px 4px  
4px 4px #44CEE9; box-shadow:4px 4px 4px  
4px #44CEE9 }
```

Background

The CSS property to change the background color of an element to Hex 44CEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44CEE9 }
```

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

```
.background{ background-color:#44CEE9 }
```

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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