

Converting Colors

Hex(33C4EE)

Have a look what the booklet for
Hex(33C4EE) contains.

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Color

Hex(33C4EE)

Conversions

Conversions Part 1

Format	Color
Hex	33C4EE
RGB	51, 196, 238
RGB Percent	20%, 77%, 93%
CMY	0.8000, 0.2314, 0.0667
CMYK	0.79, 0.18, 0.00, 0.07
HSL	193°, 85%, 57%
HSV	193°, 79%, 93%
XYZ	36.5378, 46.3567, 87.9109
YIQ	157.4330, -99.9020, -17.6780

Conversions

Conversions Part 2

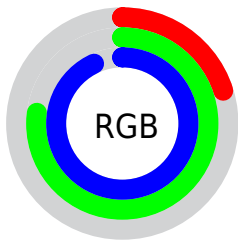
Format	Color
R_{YB}	51, 133, 238
Decimal	3392750
CIE _{Lab}	73.78, -23.41, -31.45
CIE _{LCh}	74, 39.204, 233.333
Yxy	46.3567, 0.2139, 0.2714
Android (android.graphics.Color)	4281582830 (0xFF33C4EE)
YUV	157.4330, 39.7195, -93.3417
Hunter-Lab	68.0858, -23.3592, -28.8940

Details

The Hex color **33C4EE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **EE5D33**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7EFDFF**, and **008EB6** is the 20% darker color. If you saturate the color by 10%, you get **1BBFEE**, and if you desaturate by 10%, it is **4BC9EE**.

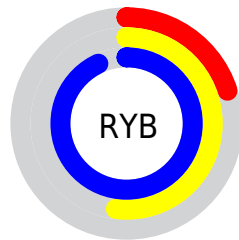
Distribution



Red (20%)

Green (77%)

Blue (93%)



Red (20%)

Yellow (52%)

Blue (93%)

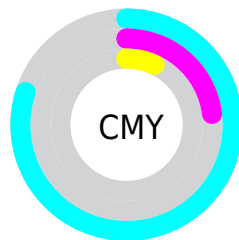


Cyan (79%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (80%)

Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33C4EE 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 33C4EE by changing the saturation by 10% instead.

 33C4EE

 33C4EE

FFFFFF

 00A9D2

 7EFDFF

 008EB6

 9EFFFF

 00749B

 BEFFFF

 005C81

 DDFFFF

 004468

 FCFFFF

 002D4F

 001938

 000222

 000008

 33C4EE

 33C4EE

 1BBFEE

 4BC9EE

 03B9EE

 63CFEE

 00B9EE

 7AD4EE

 92D9EE

 AADFEE

 C2E4EE

 DAE9EE

 F1EFEE

 FFF4EE

Harmonies

Analogous

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



24C8D1



33C4EE



73BBFC

Triad

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



33C4EE



F59ABF



B0BC72

Complementary

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



33C4EE



EE5D33

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.



D4B06E



33C4EE



FB9B9B

Square

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



33C4EE



DBA2E1



EFA47D



87C489

Rectangle

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



33C4EE



9CB3FB



EFA47D



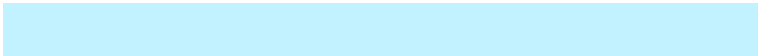
BDB86E

Sweetspot

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



33C4EE



C2F1FF



33EE5C



5B7780



000000



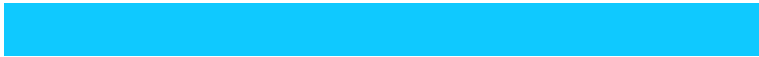
808080

Same Dimension

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



33C4EE



0FC9FF



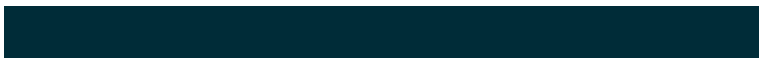
3368EE



6C7578



008EB8



002C38

Inverse Universe

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



EE33C4



FF0FC9



EEB933



786C75



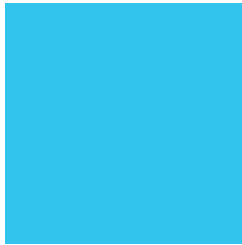
B8008E



38002B

Previews

White Background



This preview shows how the Hex color 33C4EE looks on a white background.

Color Contrast Check

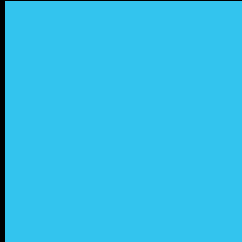
Large Text (above 18pt) WCAG AA × Fail

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 33C4EE 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 33C4EE Background



This preview shows how black text looks on a background with the Hex color 33C4EE.

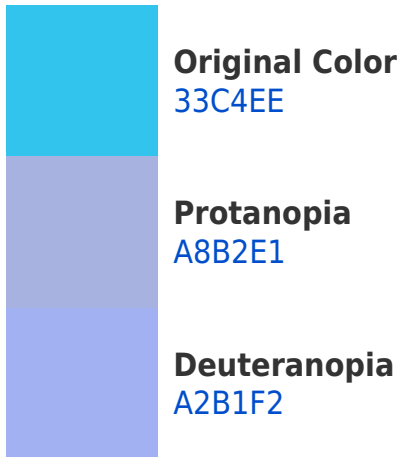


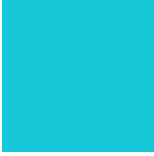
This preview shows how white text looks on a background with the Hex color 33C4EE.

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](#).

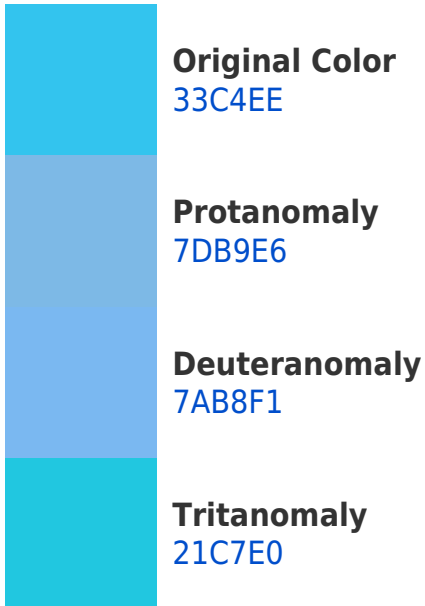
Dichromacy



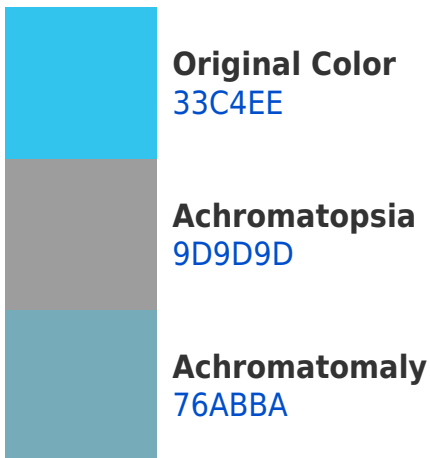


Tritanopia
17C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33C4EE 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 #33C4EE looks like.

```
.text, #text, p{  
    color:#33C4EE  
}
```

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 #33C4EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33C4EE
}
```

Border

The CSS property to change the border of an element to Hex 33C4EE 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
#33C4EE }
```

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

```
.border{ border-color:#33C4EE }
```

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

Here you see how a box with a 4 pixel #33C4EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33C4EE; -webkit-box-shadow:4px 4px  
4px 4px #33C4EE; box-shadow:4px 4px 4px  
4px #33C4EE }
```

Background

The CSS property to change the background color of an element to Hex 33C4EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33C4EE }
```

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

```
.background{ background-color:#33C4EE }
```

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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