

Converting Colors

Hex(46C7EB)

Have a look what the booklet for
Hex(46C7EB) contains.

Hex(46C7EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46C7EB)

Conversions

Conversions Part 1

Format	Color
Hex	46C7EB
RGB	70, 199, 235
RGB Percent	27%, 78%, 92%
CMY	0.7255, 0.2196, 0.0784
CMYK	0.70, 0.15, 0.00, 0.08
HSL	193°, 80%, 60%
HSV	193°, 70%, 92%
XYZ	37.9446, 48.1471, 85.8907
YIQ	164.5330, -88.4400, -16.1520

Conversions

Conversions Part 2

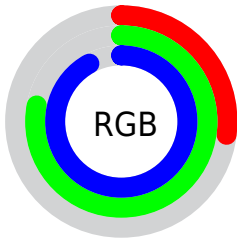
Format	Color
RYB	70, 142, 235
Decimal	4638699
CIELab	74.92, -23.72, -28.04
CIElCh	75, 36.730, 229.769
Yxy	48.1471, 0.2206, 0.2800
Android (android.graphics.Color)	4282828779 (0xFF46C7EB)
YUV	164.5330, 34.7402, -82.9054
Hunter-Lab	69.3881, -23.8172, -24.8193

Details

The Hex color **46C7EB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EB6A46**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **89FFFF**, and **0091B3** is the 20% darker color. If you saturate the color by 10%, you get **2FC2EB**, and if you desaturate by 10%, it is **5ECCEB**.

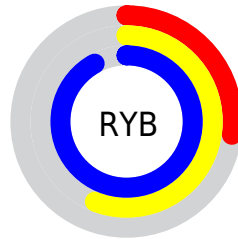
Distribution



Red (27%)

Green (78%)

Blue (92%)



Red (27%)

Yellow (56%)

Blue (92%)

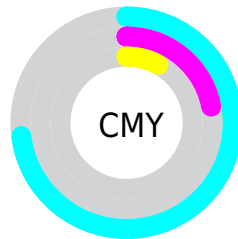


Cyan (70%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (73%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C7EB 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 46C7EB by changing the saturation by 10% instead.

 46C7EB

 46C7EB

FFFFFF

 10ACCF

 89FFFF

 0091B3

 A9FFFF

 007798

 C7FFFF

 005E7E

 E6FFFF

 004665

 002F4D

 001C36

 000220

 000005

 46C7EB

 46C7EB

 2FC2EB

 5ECCEB

 17BDEB

 75D1EB

 00B8EB

 8DD6EB

 A4DCEB

 BBE1EB

 D3E6EB

 EBEBEB

 FFF0EB

 FFF5EB

Harmonies

Analogous

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



43CBCE



46C7EB



77BFFA

Triad

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



46C7EB



F3A0C5



B9BD78

Complementary

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



46C7EB



EB6A46

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.



DAB276



46C7EB



FB9FA3

Square

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



46C7EB



D8A8E4



F2A786



92C68C

Rectangle

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



46C7EB



9BB8FB



F2A786



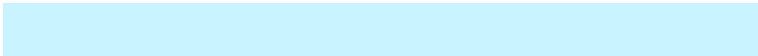
C4BA75

Sweetspot

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



46C7EB



C9F3FF



46EB6A



607980



000000



808080

Same Dimension

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



46C7EB



29D0FF



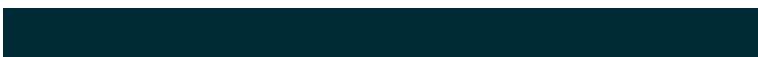
4675EB



6A7375



008EB5



002A36

Inverse Universe

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



EB46C7



FF29D0



EBBC46



756A73



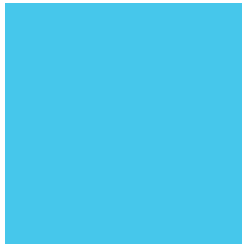
B5008E



36002A

Previews

White Background



This preview shows how the Hex color 46C7EB looks on a white background.

Color Contrast Check

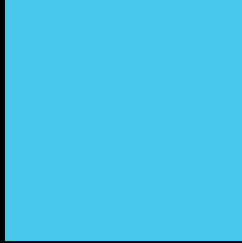
Large Text (above 18pt) WCAG AA × Fail

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 46C7EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

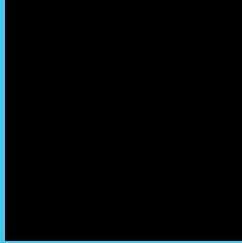
Any Text WCAG AA ✓ Pass

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 46C7EB Background



This preview shows how black text looks on a background with the Hex color 46C7EB.

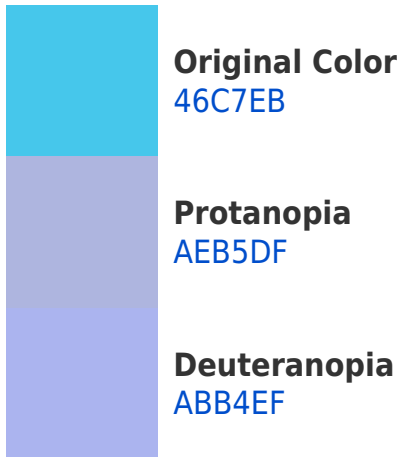


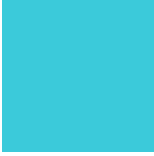
This preview shows how white text looks on a background with the Hex color 46C7EB.

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

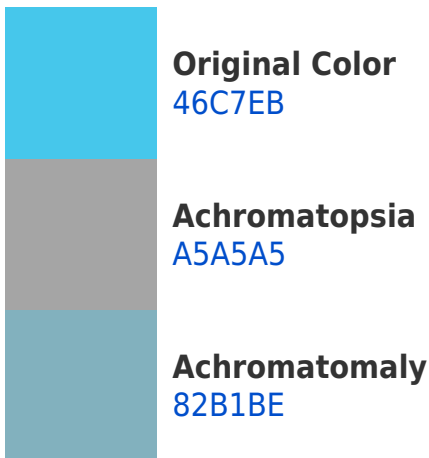




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46C7EB 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 #46C7EB looks like.

```
.text, #text, p{  
    color:#46C7EB  
}
```

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 #46C7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C7EB
}
```

Border

The CSS property to change the border of an element to Hex 46C7EB 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
#46C7EB }
```

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

```
.border{ border-color:#46C7EB }
```

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

Here you see how a box with a 4 pixel #46C7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C7EB; -webkit-box-shadow:4px 4px  
4px 4px #46C7EB; box-shadow:4px 4px 4px  
4px #46C7EB }
```

Background

The CSS property to change the background color of an element to Hex 46C7EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C7EB }
```

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

```
.background{ background-color:#46C7EB }
```

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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