

Converting Colors

Hex(46C8E9)

Have a look what the booklet for
Hex(46C8E9) contains.

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Color

Hex(46C8E9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 46C8E9 |
| RGB | 70, 200, 233 |
| RGB Percent | 27%, 78%, 91% |
| CMY | 0.7255, 0.2157, 0.0863 |
| CMYK | 0.70, 0.14, 0.00, 0.09 |
| HSL | 192°, 79%, 59% |
| HSV | 192°, 70%, 91% |
| XYZ | 37.8880, 48.4938, 84.4541 |
| YIQ | 164.8920, -88.0730, -17.2970 |

Conversions

Conversions Part 2

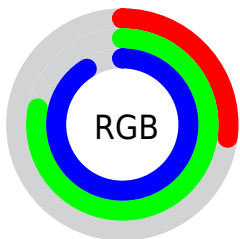
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 70, 142, 233 |
| Decimal | 4638953 |
| CIELab | 75.14, -24.84, -26.63 |
| CIELCh | 75, 36.420, 226.986 |
| Yxy | 48.4938, 0.2218, 0.2839 |
| Android (android.graphics.Color) | 4282829033 (0xFF46C8E9) |
| YUV | 164.8920, 33.5772, -83.2203 |
| Hunter-Lab | 69.6375, -24.7482, -23.1587 |

Details

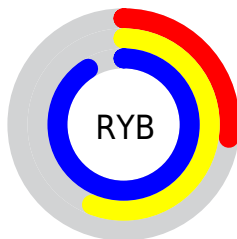
The Hex color **46C8E9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E96746**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **89FFFF**, and **0092B1** is the 20% darker color. If you saturate the color by 10%, you get **2FC3E9**, and if you desaturate by 10%, it is **5DCDE9**.

Distribution



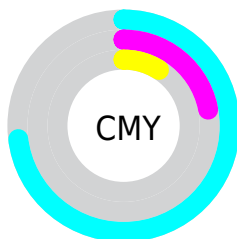
- Red (27%)
- Green (78%)
- Blue (91%)



- Red (27%)
- Yellow (56%)
- Blue (91%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (73%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C8E9 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 46C8E9 by changing the saturation by 10% instead.

 46C8E9

 46C8E9

FFFFFF

 11ADCD

 89FFFF

 0092B1

 A8FFFF

 007896

 C7FFFF

 005F7D

 E6FFFF

 004763

 00304B

 001D34

 00021F

 000002

 46C8E9

 46C8E9

 2FC3E9

 5DCDE9

 17BFE9

 75D1E9

 00BAE9

 8CD6E9

 A3DBE9

 BBE0E9

 D2E4E9

 E9E9E9

 FFE9E9

 FFF2E9

Harmonies

Analogous

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



48CBCB



46C8E9



73C1FA

Triad

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



46C8E9



F2A1C9



BDBD78

Complementary

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



46C8E9



E96746

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.



DDB278



46C8E9



FBA0A7

Square

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



46C8E9



D5AAE7



F3A789



97C58A

Rectangle

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



46C8E9



97BAFB



F3A789



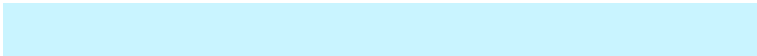
C8B976

Sweetspot

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



46C8E9



C9F4FF



46E967



607980



000000



808080

Same Dimension

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



46C8E9



29D4FF



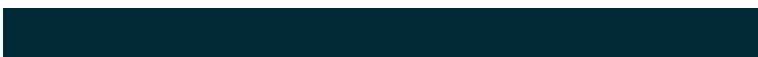
4677E9



6A7375



0090B5



002B36

Inverse Universe

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



E946C8



FF29D4



E9B846



756A73



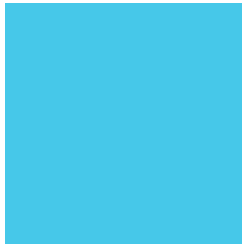
B50090



36002B

Previews

White Background



This preview shows how the Hex color 46C8E9 looks on a white background.

Color Contrast Check

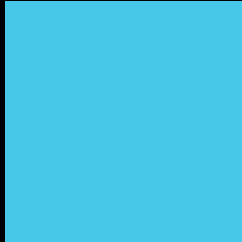
Large Text (above 18pt) WCAG AA × Fail

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 46C8E9 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 46C8E9 Background



This preview shows how black text looks on a background with the Hex color 46C8E9.

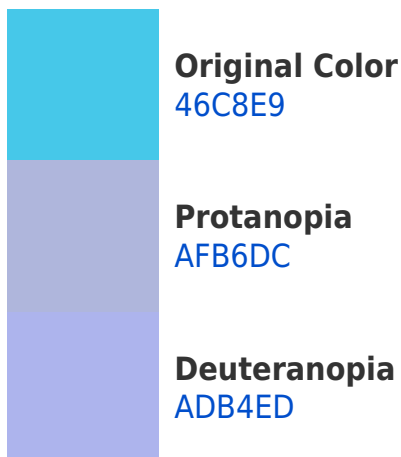


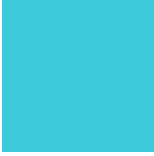
This preview shows how white text looks on a background with the Hex color 46C8E9.

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

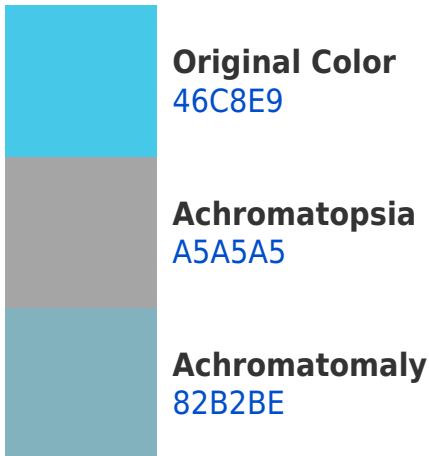




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46C8E9 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 #46C8E9 looks like.

```
.text, #text, p{  
    color:#46C8E9  
}
```

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 #46C8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C8E9
}
```

Border

The CSS property to change the border of an element to Hex 46C8E9 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
#46C8E9 }
```

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

```
.border{ border-color:#46C8E9 }
```

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

Here you see how a box with a 4 pixel #46C8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C8E9; -webkit-box-shadow:4px 4px  
4px 4px #46C8E9; box-shadow:4px 4px 4px  
4px #46C8E9 }
```

Background

The CSS property to change the background color of an element to Hex 46C8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C8E9 }
```

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

```
.background{ background-color:#46C8E9 }
```

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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