

Converting Colors

Hex(4ACEF1)

Have a look what the booklet for
Hex(4ACEF1) contains.

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Color

Hex(4ACEF1)

Conversions

Conversions Part 1

Format	Color
Hex	4ACEF1
RGB	74, 206, 241
RGB Percent	29%, 81%, 95%
CMY	0.7098, 0.1922, 0.0549
CMYK	0.69, 0.15, 0.00, 0.05
HSL	193°, 86%, 62%
HSV	193°, 69%, 95%
XYZ	40.7725, 51.9493, 91.0974
YIQ	170.5220, -89.9070, -17.0990

Conversions

Conversions Part 2

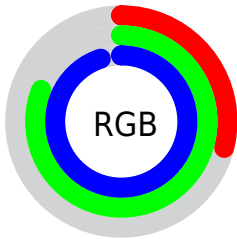
Format	Color
R _Y B	74, 148, 241
Decimal	4902641
CIE Lab	77.25, -24.85, -27.68
CIE LCh	77, 37.199, 228.083
Yxy	51.9493, 0.2218, 0.2826
Android (android.graphics.Color)	4283092721 (0xFF4ACEF1)
YUV	170.5220, 34.7457, -84.6498
Hunter-Lab	72.0759, -25.1573, -24.4841

Details

The Hex color **4ACEF1** 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 **F16D4A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8DFFFF**, and **0097B9** is the 20% darker color. If you saturate the color by 10%, you get **32C9F1**, and if you desaturate by 10%, it is **62D3F1**.

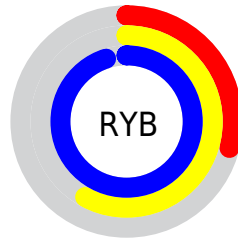
Distribution



Red (29%)

Green (81%)

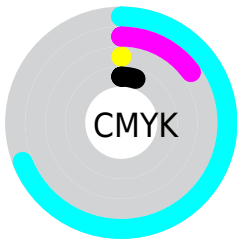
Blue (95%)



Red (29%)

Yellow (58%)

Blue (95%)

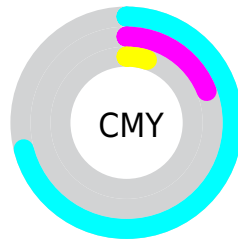


Cyan (69%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ACEF1 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 4ACEF1 by changing the saturation by 10% instead.

 4ACEF1

 4ACEF1

FFFFFF

 18B2D5

 8DFFFF

 0097B9

 ADFFFF

 007D9E

 CCFFFF

 006484

 EBFFFF

 004C6A

 003552

 00213B

 000225

 00010E

 4ACEF1

 4ACEF1

 32C9F1

 62D3F1

 1AC4F1

 7AD8F1

 02BFF1

 92DDF1

 00BEF1

 AAE2F1

 C3E7F1

 DBECF1

 F3F1F1

 FFF6F1

 FFFBF1

Harmonies

Analogous

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



4AD1D3



4ACEF1



79C6FF

Triad

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



4ACEF1



FAA6CE



C1C37C

Complementary

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



4ACEF1



F16D4A

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.



E3B87C



4ACEF1



FFA5AB

Square

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



4ACEF1



DDAFED



FAAC8D



9ACC90

Rectangle

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



4ACEF1



9EBFFF



FAAC8D



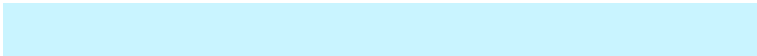
CDC07A

Sweetspot

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



4ACEF1



C9F4FF



4AF16B



607980



000000



808080

Same Dimension

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



4ACEF1



2BD3FF



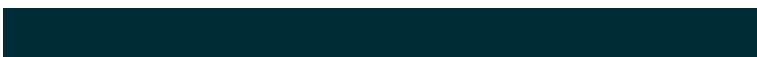
4A7CF1



6C7578



0091B8



002C38

Inverse Universe

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



F14ACE



FF2BD3



F1BF4A



786C75



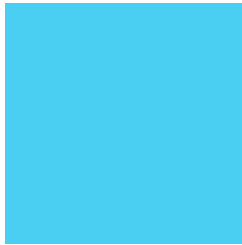
B80091



38002C

Previews

White Background



This preview shows how the Hex color 4ACEF1 looks on a white background.

Color Contrast Check

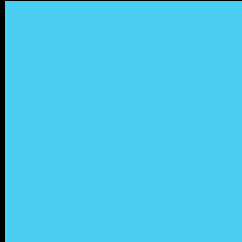
Large Text (above 18pt) WCAG AA × Fail

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 4ACEF1 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 4ACEF1 Background



This preview shows how black text looks on a background with the Hex color 4ACEF1.

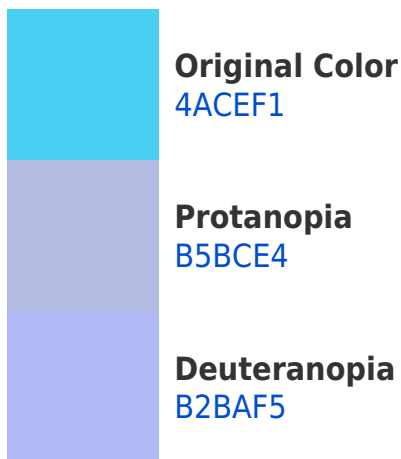


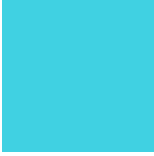
This preview shows how white text looks on a background with the Hex color 4ACEF1.

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](#).

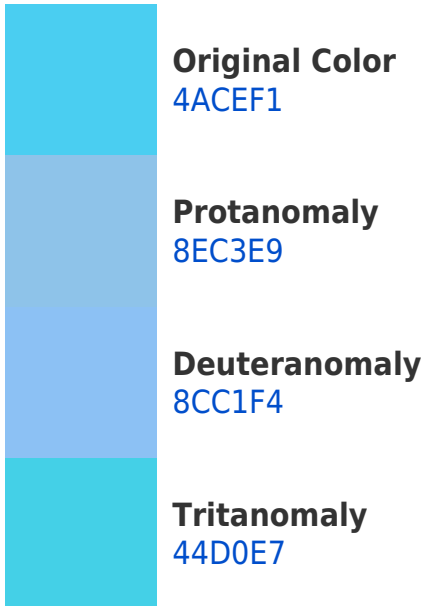
Dichromacy



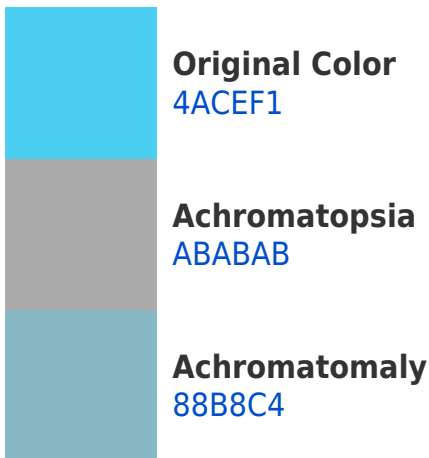


Tritanopia
40D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ACEF1 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 #4ACEF1 looks like.

```
.text, #text, p{  
    color:#4ACEF1  
}
```

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 #4ACEF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ACEF1
}
```

Border

The CSS property to change the border of an element to Hex 4ACEF1 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
#4ACEF1 }
```

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

```
.border{ border-color:#4ACEF1 }
```

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

Here you see how a box with a 4 pixel #4ACEF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ACEF1; -webkit-box-shadow:4px 4px  
4px 4px #4ACEF1; box-shadow:4px 4px 4px  
4px #4ACEF1 }
```

Background

The CSS property to change the background color of an element to Hex 4ACEF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ACEF1 }
```

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

```
.background{ background-color:#4ACEF1 }
```

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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