

Converting Colors

Hex(5ACEF0)

Have a look what the booklet for
Hex(5ACEF0) contains.

Hex(5ACEF0)	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(5ACEF0)

Conversions

Conversions Part 1

Format	Color
Hex	5ACEF0
RGB	90, 206, 240
RGB Percent	35%, 81%, 94%
CMY	0.6471, 0.1922, 0.0588
CMYK	0.62, 0.14, 0.00, 0.06
HSL	194°, 83%, 65%
HSV	194°, 62%, 94%
XYZ	42.0159, 52.6075, 90.3779
YIQ	175.1920, -80.0500, -14.0180

Conversions

Conversions Part 2

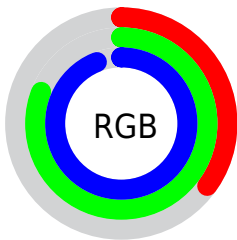
Format	Color
R _Y B	90, 155, 240
Decimal	5951216
CIE Lab	77.64, -22.75, -26.51
CIE LCh	78, 34.928, 229.366
Yxy	52.6075, 0.2271, 0.2844
Android (android.graphics.Color)	4284141296 (0xFF5ACEF0)
YUV	175.1920, 31.9503, -74.7134
Hunter-Lab	72.5311, -23.5275, -23.1070

Details

The Hex color **5ACEF0** 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 **F07C5A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **99FFFF**, and **0098B8** is the 20% darker color. If you saturate the color by 10%, you get **42C9F0**, and if you desaturate by 10%, it is **72D3F0**.

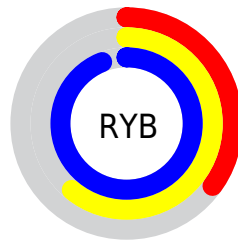
Distribution



Red (35%)

Green (81%)

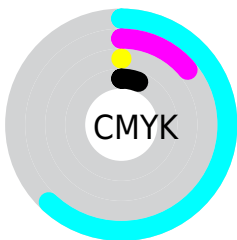
Blue (94%)



Red (35%)

Yellow (61%)

Blue (94%)

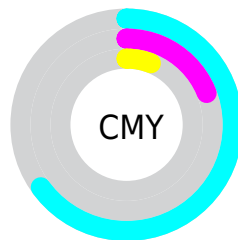


Cyan (62%)

Magenta (14%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ACEF0 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 5ACEF0 by changing the saturation by 10% instead.

 5ACEF0

 5ACEF0

FFFFFF

 35B2D4

 99FFFF

 0098B8

 B8FFFF

 007D9D

 D6FFFF

 006483

 F5FFFF

 004C69

 003551

 00213A

 000224

 00000C

■ 5ACEF0

■ 5ACEF0

■ 42C9F0

■ 72D3F0

■ 2AC3F0

■ 8AD9F0

■ 12BEF0

■ A2DEF0

■ 00BAF0

■ BAE4F0

■ D2E9F0

■ EAEFF0

■ FFF4F0

■ FFFAF0

■ FFFFF0

Harmonies

Analogous

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



57D1D4



5ACEF0



83C6FF

Triad

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



5ACEF0



F8A9CD



C1C482

Complementary

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



5ACEF0



F07C5A

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.



E1BA80



5ACEF0



FFA8AC

Square

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



5ACEF0



DEB0EA



F8AF90



9CCC95

Rectangle

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



5ACEF0



A4C0FF



F8AF90



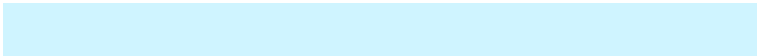
CCC17F

Sweetspot

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



5ACEF0



CFF4FF



5AF07B



627980



000000



808080

Same Dimension

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



5ACEF0



40D4FF



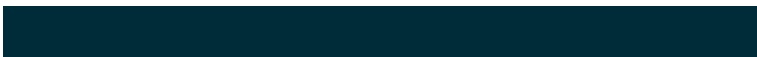
5A84F0



6C7578



008EB8



002B38

Inverse Universe

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



F05ACE



FF40D4



F0C55A



786C75



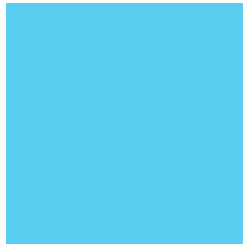
B8008E



38002B

Previews

White Background



This preview shows how the Hex color 5ACEF0 looks on a white background.

Color Contrast Check

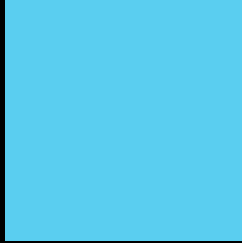
Large Text (above 18pt) WCAG AA × Fail

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 5ACEF0 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 5ACEF0 Background



This preview shows how black text looks on a background with the Hex color 5ACEF0.

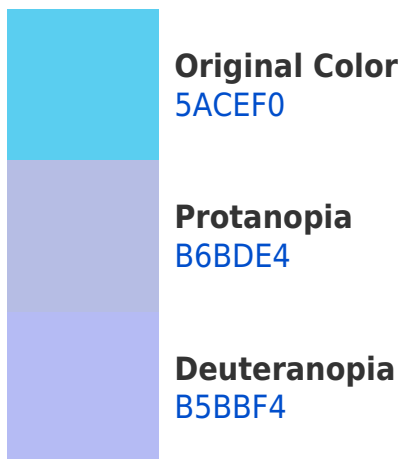


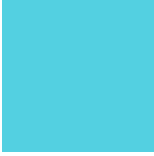
This preview shows how white text looks on a background with the Hex color 5ACEF0.

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](#).

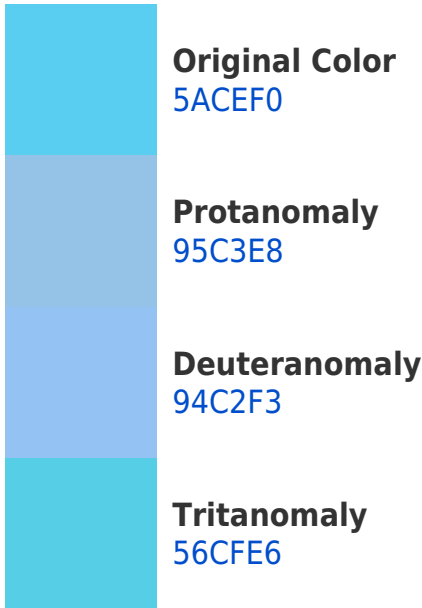
Dichromacy



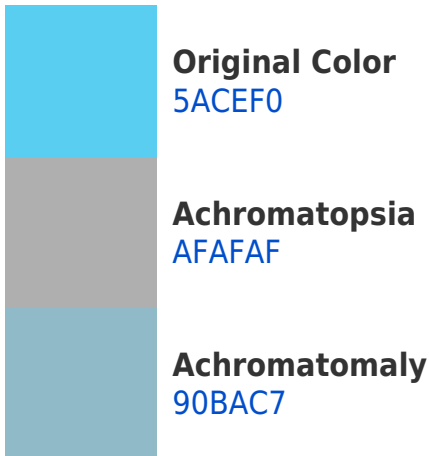


Tritanopia
53D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ACEF0 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 #5ACEF0 looks like.

```
.text, #text, p{  
    color:#5ACEF0  
}
```

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 #5ACEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ACEF0
}
```

Border

The CSS property to change the border of an element to Hex 5ACEF0 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
#5ACEF0 }
```

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

```
.border{ border-color:#5ACEF0 }
```

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

Here you see how a box with a 4 pixel #5ACEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ACEF0; -webkit-box-shadow:4px 4px  
4px 4px #5ACEF0; box-shadow:4px 4px 4px  
4px #5ACEF0 }
```

Background

The CSS property to change the background color of an element to Hex 5ACEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ACEF0 }
```

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

```
.background{ background-color:#5ACEF0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor