

Converting Colors

Hex(4AB9E8)

Have a look what the booklet for
Hex(4AB9E8) contains.

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Color

Hex(4AB9E8)

Conversions

Conversions Part 1

Format	Color
Hex	4AB9E8
RGB	74, 185, 232
RGB Percent	29%, 73%, 91%
CMY	0.7098, 0.2745, 0.0902
CMYK	0.68, 0.20, 0.00, 0.09
HSL	198°, 77%, 60%
HSV	198°, 68%, 91%
XYZ	34.7385, 41.9800, 82.6160
YIQ	157.1690, -81.2430, -8.9150

Conversions

Conversions Part 2

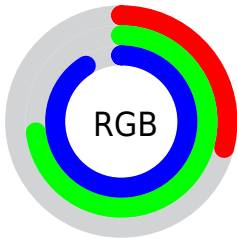
Format	Color
R_{YB}	74, 139, 232
Decimal	4897256
CIE Lab	70.86, -16.90, -32.66
CIE LCh	71, 36.775, 242.648
Yxy	41.9800, 0.2180, 0.2635
Android (android.graphics.Color)	4283087336 (0xFF4AB9E8)
YUV	157.1690, 36.8917, -72.9392
Hunter-Lab	64.7919, -17.6823, -30.2461

Details

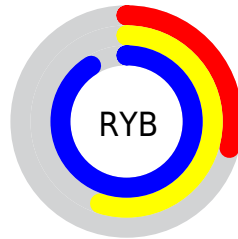
The Hex color **4AB9E8** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E8794A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8BF1FF**, and **0084B0** is the 20% darker color. If you saturate the color by 10%, you get **33B2E8**, and if you desaturate by 10%, it is **61C0E8**.

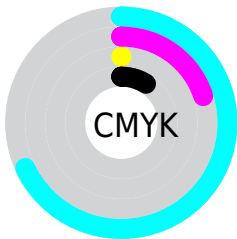
Distribution



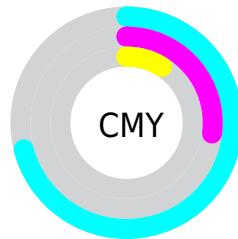
- Red (29%)
- Green (73%)
- Blue (91%)



- Red (29%)
- Yellow (55%)
- Blue (91%)



- Cyan (68%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4AB9E8 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 4AB9E8 by changing the saturation by 10% instead.

 4AB9E8

 4AB9E8

FFFFFF

 1E9ECC

 8BF1FF

 0084B0

 AAFFFF

 006B95

 C8FFFF

 00527B

 E7FFFF

 003B62

 00264A

 000A33

 00021E

 000000

■ 4AB9E8

■ 4AB9E8

■ 33B2E8

■ 61C0E8

■ 1CABE8

■ 78C7E8

■ 04A4E8

■ 90CEE8

■ 00A3E8

■ A7D5E8

■ BEDCE8

■ D5E2E8

■ ECE9E8

■ FFF0E8

■ FFF7E8

Harmonies

Analogous

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



28BED0



4AB9E8



83B0F0

Triad

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



4AB9E8



ED93AC



9DB674

Complementary

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



4AB9E8



E8794A

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.



C1AC6A



4AB9E8



ED978B

Square

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



4AB9E8



DA99CD



DDA173



75BD8E

Rectangle

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



4AB9E8



A6A8EB



DDA173



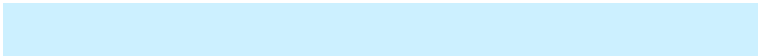
AAB36F

Sweetspot

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



4AB9E8



CCF0FF



4AE877



617680



000000



808080

Same Dimension

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



4AB9E8



2EC1FF



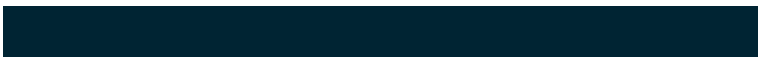
4A6CE8



676F73



007DB3



002433

Inverse Universe

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



E84AB9



FF2EC1



E8C64A



73676F



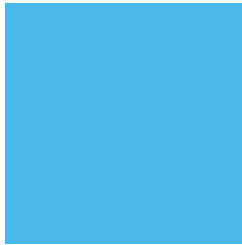
B3007D



330024

Previews

White Background



This preview shows how the Hex color 4AB9E8 looks on a white background.

Color Contrast Check

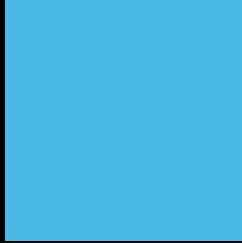
Large Text (above 18pt) WCAG AA × Fail

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 4AB9E8 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

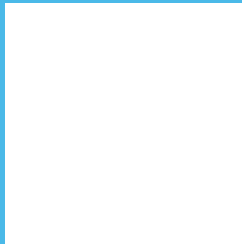
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4AB9E8 Background



This preview shows how black text looks on a background with the Hex color 4AB9E8.

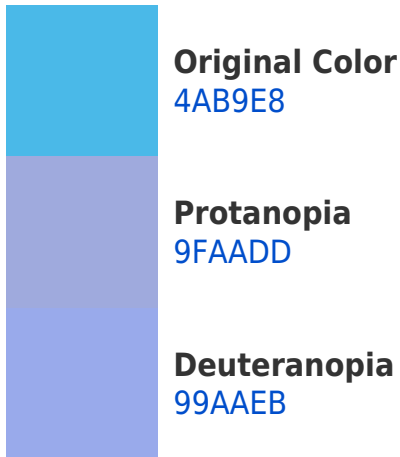


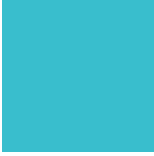
This preview shows how white text looks on a background with the Hex color 4AB9E8.

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](#).

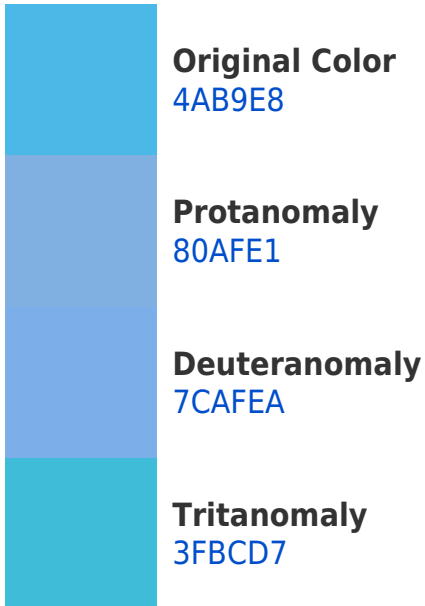
Dichromacy



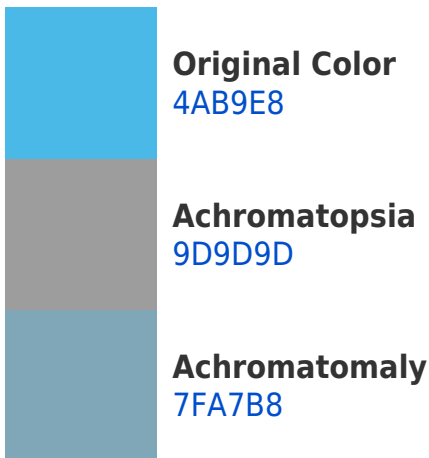


Tritanopia
39BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AB9E8 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 #4AB9E8 looks like.

```
.text, #text, p{  
    color:#4AB9E8  
}
```

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 #4AB9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB9E8  
}
```

Border

The CSS property to change the border of an element to Hex 4AB9E8 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  
#4AB9E8 }
```

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

```
.border{ border-color:#4AB9E8 }
```

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

Here you see how a box with a 4 pixel #4AB9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB9E8; -webkit-box-shadow:4px 4px  
4px 4px #4AB9E8; box-shadow:4px 4px 4px  
4px #4AB9E8 }
```

Background

The CSS property to change the background color of an element to Hex 4AB9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB9E8 }
```

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

```
.background{ background-color:#4AB9E8 }
```

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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