

Converting Colors

Hex(4AB5E1)

Have a look what the booklet for
Hex(4AB5E1) contains.

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Color

Hex(4AB5E1)

Conversions

Conversions Part 1

Format	Color
Hex	4AB5E1
RGB	74, 181, 225
RGB Percent	29%, 71%, 88%
CMY	0.7098, 0.2902, 0.1176
CMYK	0.67, 0.20, 0.00, 0.12
HSL	197°, 72%, 59%
HSV	197°, 67%, 88%
XYZ	32.9385, 39.9398, 77.2073
YIQ	154.0230, -77.8960, -9.0000

Conversions

Conversions Part 2

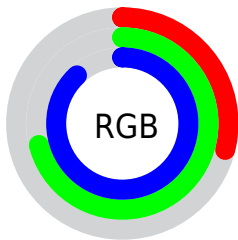
Format	Color
RYB	74, 137, 225
Decimal	4896225
CIELab	69.43, -17.02, -31.06
CIELCh	69, 35.414, 241.284
Yxy	39.9398, 0.2195, 0.2661
Android (android.graphics.Color)	4283086305 (0xFF4AB5E1)
YUV	154.0230, 34.9917, -70.1802
Hunter-Lab	63.1980, -17.5630, -28.1944

Details

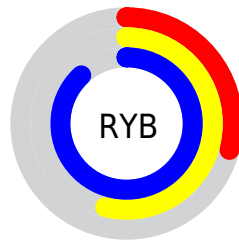
The Hex color **4AB5E1** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E1764A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8AEDFF**, and **0080AA** is the 20% darker color. If you saturate the color by 10%, you get **34AEE1**, and if you desaturate by 10%, it is **61BCE1**.

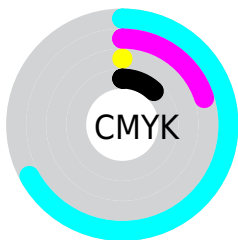
Distribution



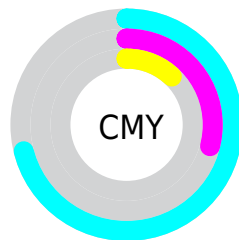
- Red (29%)
- Green (71%)
- Blue (88%)



- Red (29%)
- Yellow (54%)
- Blue (88%)



- Cyan (67%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (71%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AB5E1 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 4AB5E1 by changing the saturation by 10% instead.

 4AB5E1

 4AB5E1

FFFFFF

 209AC5

 8AEDFF

 0080AA

 A8FFFF

 00678F

 C6FFFF

 004F75

 E5FFFF

 00385C

 002344

 00042E

 000119

 000000

■ 4AB5E1

■ 4AB5E1

■ 34AEE1

■ 61BCE1

■ 1DA8E1

■ 77C2E1

■ 07A1E1

■ 8EC9E1

■ 009FE1

■ A4CFE1

■ BBD6E1

■ D1DCE1

■ E8E3E1

■ FEE9E1

■ FFF0E1

Harmonies

Analogous

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



2FBACA



4AB5E1



7EACE9

Triad

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



4AB5E1



E691A9



9CB272

Complementary

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



4AB5E1



E1764A

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.



BEA869



4AB5E1



E7948A

Square

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



4AB5E1



D396C9



D89D72



76B88A

Rectangle

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



4AB5E1



A0A5E5



D89D72



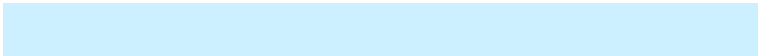
A8AF6D

Sweetspot

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



4AB5E1



CCF0FF



4AE175



617780



000000



808080

Same Dimension

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



4AB5E1



30C3FF



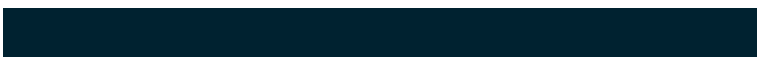
4A6BE1



656D70



007DB0



002230

Inverse Universe

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



E14AB5



FF30C3



E1C04A



70656D



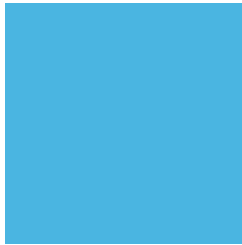
B0007D



300022

Previews

White Background



This preview shows how the Hex color 4AB5E1 looks on a white background.

Color Contrast Check

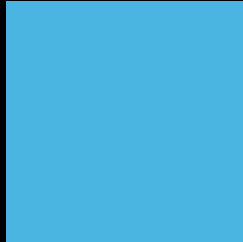
Large Text (above 18pt) WCAG AA × Fail

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 4AB5E1 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 4AB5E1 Background



This preview shows how black text looks on a background with the Hex color 4AB5E1.

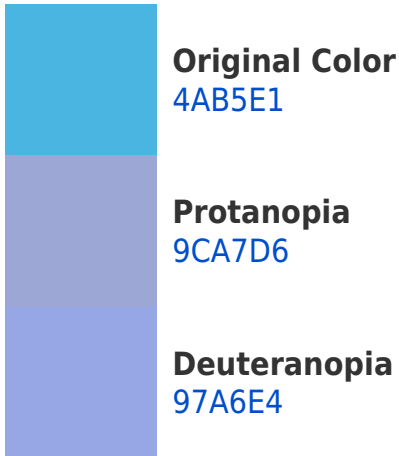


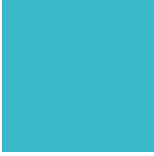
This preview shows how white text looks on a background with the Hex color 4AB5E1.

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](#).

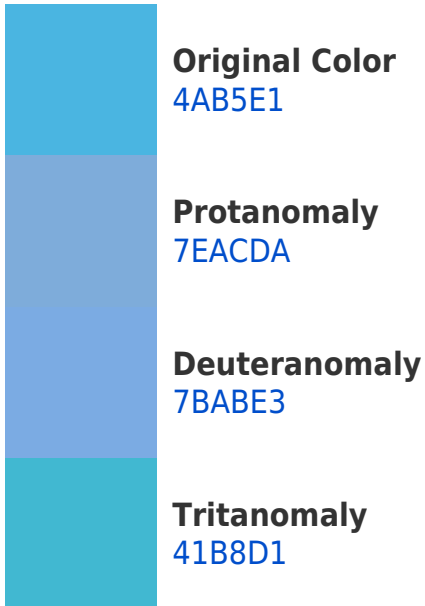
Dichromacy



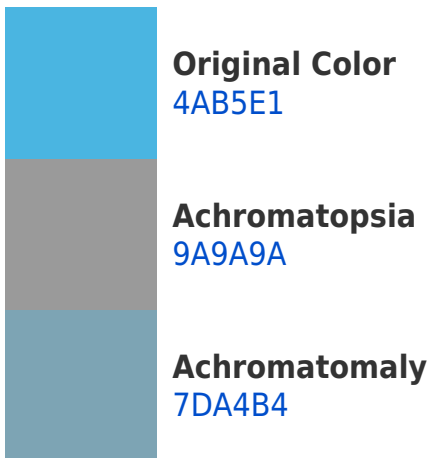


Tritanopia
3CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AB5E1 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 #4AB5E1 looks like.

```
.text, #text, p{  
    color:#4AB5E1  
}
```

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 #4AB5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB5E1
}
```

Border

The CSS property to change the border of an element to Hex 4AB5E1 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
#4AB5E1 }
```

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

```
.border{ border-color:#4AB5E1 }
```

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

Here you see how a box with a 4 pixel #4AB5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB5E1; -webkit-box-shadow:4px 4px  
4px 4px #4AB5E1; box-shadow:4px 4px 4px  
4px #4AB5E1 }
```

Background

The CSS property to change the background color of an element to Hex 4AB5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB5E1 }
```

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

```
.background{ background-color:#4AB5E1 }
```

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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