

Converting Colors

Hex(4EABC3)

Have a look what the booklet for
Hex(4EABC3) contains.

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Color

Hex(4EABC3)

Conversions

Conversions Part 1

Format	Color
Hex	4EABC3
RGB	78, 171, 195
RGB Percent	31%, 67%, 76%
CMY	0.6941, 0.3294, 0.2353
CMYK	0.60, 0.12, 0.00, 0.24
HSL	192°, 49%, 54%
HSV	192°, 60%, 76%
XYZ	27.5551, 34.6857, 56.8725
YIQ	145.9290, -63.1320, -12.2520

Conversions

Conversions Part 2

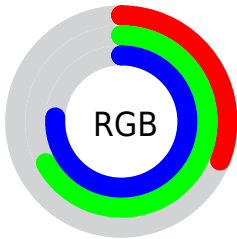
Format	Color
RYB	78, 130, 195
Decimal	5155779
CIELab	65.50, -20.39, -20.55
CIElCh	66, 28.943, 225.224
Yxy	34.6857, 0.2313, 0.2912
Android (android.graphics.Color)	4283345859 (0xFF4EABC3)
YUV	145.9290, 24.1920, -59.5737
Hunter-Lab	58.8945, -19.5502, -16.0282

Details

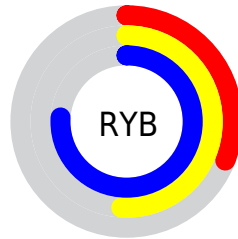
The Hex color **4EABC3** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C3664E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **89E2FC**, and **00778D** is the 20% darker color. If you saturate the color by 10%, you get **3BA7C3**, and if you desaturate by 10%, it is **62AFC3**.

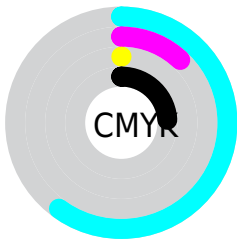
Distribution



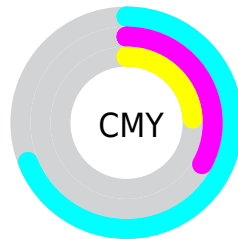
- Red (31%)
- Green (67%)
- Blue (76%)



- Red (31%)
- Yellow (51%)
- Blue (76%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EABC3 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 4EABC3 by changing the saturation by 10% instead.

■ 4EABC3

■ 4EABC3

FFFFFF

■ 2C90A8

■ 89E2FC

■ 00778D

■ A6FFFF

■ 005E74

■ C4FFFF

■ 00465B

■ E1FFFF

■ 002F43

■ 001C2D

■ 000119

■ 000000

■ 4EABC3

■ 4EABC3

■ 3BA7C3

■ 62AFC3

■ 27A3C3

■ 75B3C3

■ 139FC3

■ 88B7C3

■ 009BC3

■ 9CBBC3

■ B0BFC3

■ C3C3C3

■ D7C7C3

■ EACBC3

■ FECFC3

Harmonies

Analogous

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



50ADAC



4EABC3



6AA5D1

Triad

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



4EABC3



CA8DAD



A4A26D

Complementary

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



4EABC3



C3664E

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.



BD996D



4EABC3



D38C93

Square

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



4EABC3



B394C4



CE917B



87A87A

Rectangle

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



4EABC3



84A0D2



CE917B



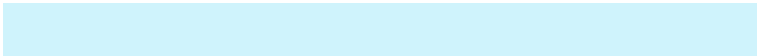
AD9F6B

Sweetspot

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



4EABC3



CFF3FC



4EC365



637A80



000000



808080

Same Dimension

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



4EABC3



47D7FC



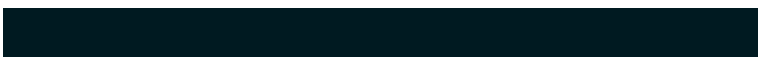
4E71C3



575F61



0080A1



001A21

Inverse Universe

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



C34EAB



FC47D7



C3A04E



61575F



A10080



21001A

Previews

White Background



This preview shows how the Hex color 4EABC3 looks on a white background.

Color Contrast Check

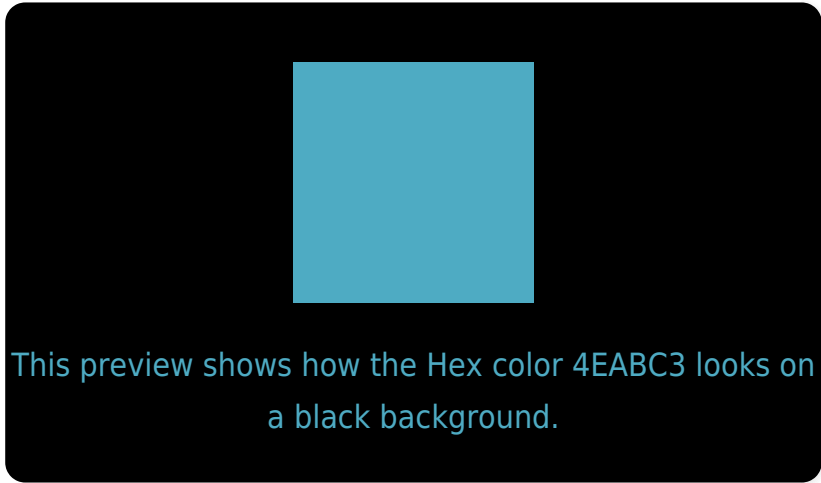
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

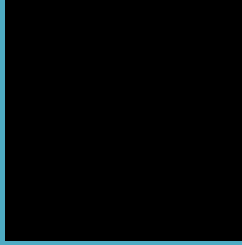
Any Text WCAG AA ✓ Pass

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 4EABC3 Background



This preview shows how black text looks on a background with the Hex color 4EABC3.

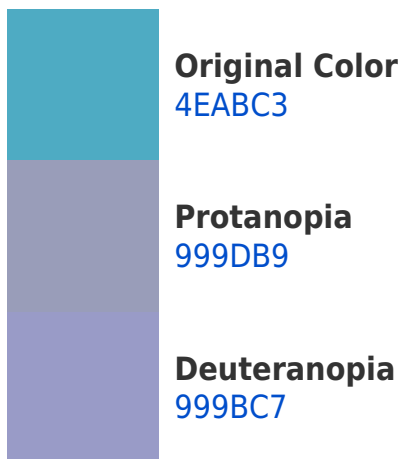


This preview shows how white text looks on a background with the Hex color 4EABC3.

Color Blindness Simulation

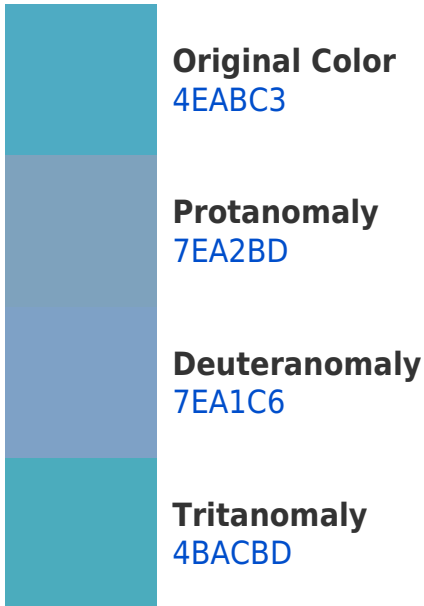
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

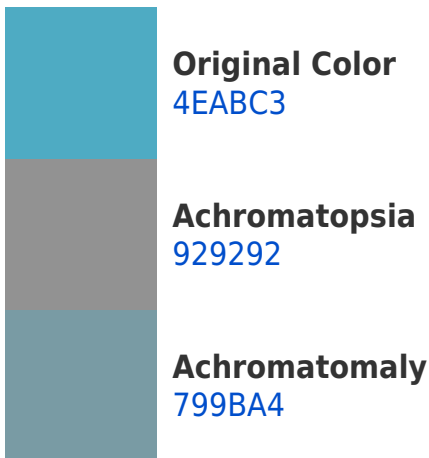




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EABC3 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 #4EABC3 looks like.

```
.text, #text, p{  
    color:#4EABC3  
}
```

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 #4EABC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EABC3
}
```

Border

The CSS property to change the border of an element to Hex 4EABC3 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
#4EABC3 }
```

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

```
.border{ border-color:#4EABC3 }
```

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

Here you see how a box with a 4 pixel #4EABC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EABC3; -webkit-box-shadow:4px 4px  
4px 4px #4EABC3; box-shadow:4px 4px 4px  
4px #4EABC3 }
```

Background

The CSS property to change the background color of an element to Hex 4EABC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EABC3 }
```

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

```
.background{ background-color:#4EABC3 }
```

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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