

Converting Colors

Hex(4FAAE3)

Have a look what the booklet for
Hex(4FAAE3) contains.

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Color

Hex(4FAAE3)

Conversions

Conversions Part 1

Format	Color
Hex	4FAAE3
RGB	79, 170, 227
RGB Percent	31%, 67%, 89%
CMY	0.6902, 0.3333, 0.1098
CMYK	0.65, 0.25, 0.00, 0.11
HSL	203°, 73%, 60%
HSV	203°, 65%, 89%
XYZ	31.4643, 35.9578, 77.9552
YIQ	149.2890, -72.5330, -1.5650

Conversions

Conversions Part 2

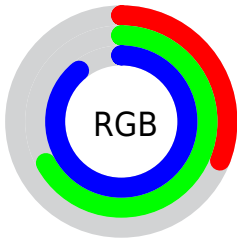
Format	Color
R_{YB}	79, 135, 227
Decimal	5221091
CIE _{Lab}	66.49, -9.67, -36.70
CIE _{LCh}	66, 37.951, 255.244
Yxy	35.9578, 0.2164, 0.2473
Android (android.graphics.Color)	4283411171 (0xFF4FAAE3)
YUV	149.2890, 38.3115, -61.6435
Hunter-Lab	59.9648, -11.2771, -35.1026

Details

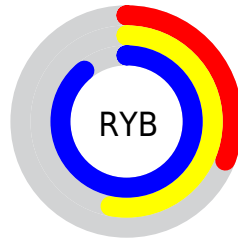
The Hex color **4FAAE3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E3884F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8DE1FF**, and **0076AB** is the 20% darker color. If you saturate the color by 10%, you get **38A1E3**, and if you desaturate by 10%, it is **66B3E3**.

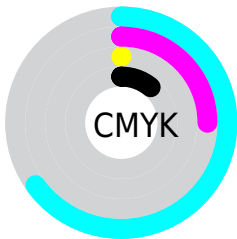
Distribution



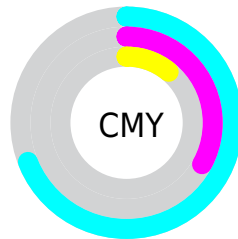
- Red (31%)
- Green (67%)
- Blue (89%)



- Red (31%)
- Yellow (53%)
- Blue (89%)



- Cyan (65%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FAAE3 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 4FAAE3 by changing the saturation by 10% instead.

■ 4FAAE3

■ 4FAAE3

FFFFFF

■ 2990C7

■ 8DE1FF

■ 0076AB

■ ABFEFF

■ 005D91

■ C9FFFF

■ 004677

■ E8FFFF

■ 00305E

■ 001C46

■ 00042F

■ 000119

■ 000000

■ 4FAAE3

■ 4FAAE3

■ 38A1E3

■ 66B3E3

■ 2299E3

■ 7CBBE3

■ 0B90E3

■ 93C4E3

■ 008CE3

■ AACDE3

■ C1D6E3

■ D7DEE3

■ EEE7E3

■ FFF0E3

■ FFF9E3

Harmonies

Analogous

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



00B1D1



4FAAE3



8C9FE3

Triad

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



4FAAE3



E48791



80AE70

Complementary

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



4FAAE3



E3884F

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.



A7A55F



4FAAE3



DD8E73

Square

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



4FAAE3



D989B4



C69A60



54B38F

Rectangle

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



4FAAE3



AD97D9



C69A60



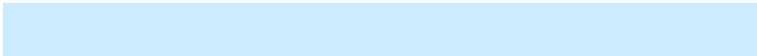
8EAB69

Sweetspot

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



4FAAE3



CCEBFF



4FE388



617480



000000



808080

Same Dimension

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



4FAAE3



38B2FF



4F60E3



676E73



006EB3



001F33

Inverse Universe

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



E34FAA



FF38B2



E3D24F



73676E



B3006E



33001F

Previews

White Background



This preview shows how the Hex color 4FAAE3 looks on a white background.

Color Contrast Check

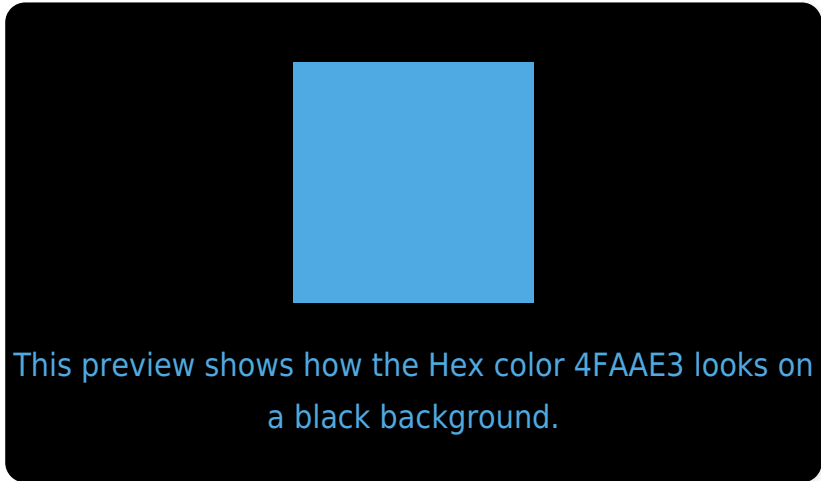
Large Text (above 18pt) WCAG AA × Fail

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

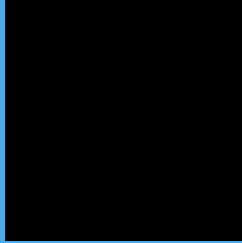
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

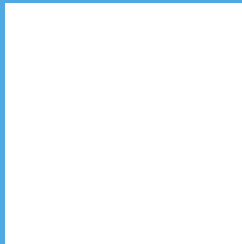
Any Text WCAG AAA ✓ Pass

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

Hex 4FAAE3 Background



This preview shows how black text looks on a background with the Hex color 4FAAE3.

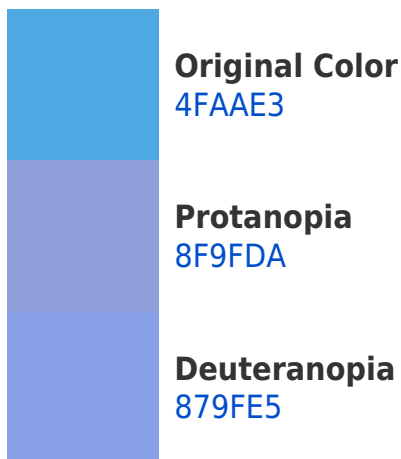


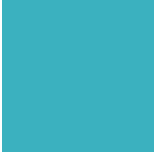
This preview shows how white text looks on a background with the Hex color 4FAAE3.

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](#).

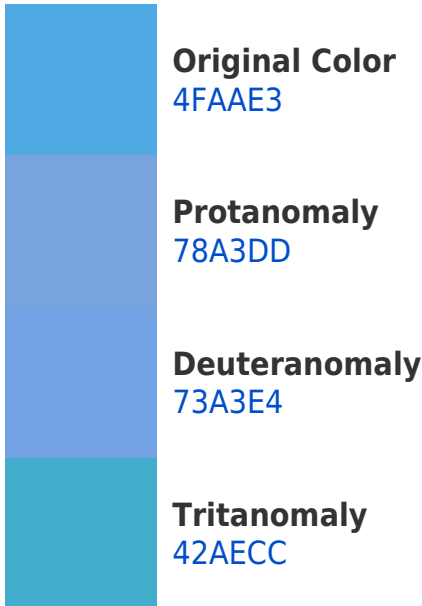
Dichromacy



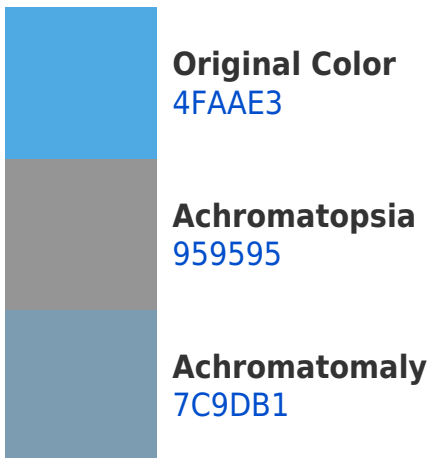


Tritanopia
3BB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FAAE3 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 #4FAAE3 looks like.

```
.text, #text, p{  
    color:#4FAAE3  
}
```

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 #4FAAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FAAE3
}
```

Border

The CSS property to change the border of an element to Hex 4FAAE3 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
#4FAAE3 }
```

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

```
.border{ border-color:#4FAAE3 }
```

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

Here you see how a box with a 4 pixel #4FAAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FAAE3; -webkit-box-shadow:4px 4px  
4px 4px #4FAAE3; box-shadow:4px 4px 4px  
4px #4FAAE3 }
```

Background

The CSS property to change the background color of an element to Hex 4FAAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FAAE3 }
```

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

```
.background{ background-color:#4FAAE3 }
```

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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