

Converting Colors

Hex(4FAEA8)

Have a look what the booklet for
Hex(4FAEA8) contains.

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Color

Hex(4FAEA8)

Conversions

Conversions Part 1

Format	Color
Hex	4FAEA8
RGB	79, 174, 168
RGB Percent	31%, 68%, 66%
CMY	0.6902, 0.3176, 0.3412
CMYK	0.55, 0.00, 0.03, 0.32
HSL	176°, 38%, 50%
HSV	176°, 55%, 68%
XYZ	25.4284, 34.7615, 42.4152
YIQ	144.9110, -54.6940, -22.0060

Conversions

Conversions Part 2

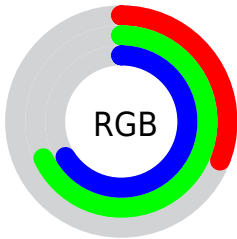
Format	Color
RYB	79, 128, 174
Decimal	5222056
CIELab	65.56, -29.38, -5.44
CIElCh	66, 29.884, 190.491
Yxy	34.7615, 0.2478, 0.3388
Android (android.graphics.Color)	4283412136 (0xFF4FAEA8)
YUV	144.9110, 11.3829, -57.8039
Hunter-Lab	58.9589, -26.1928, -1.3822

Details

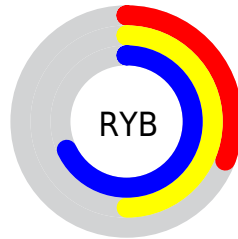
The Hex color **4FAEA8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE4F55**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **88E6DF**, and **007974** is the 20% darker color. If you saturate the color by 10%, you get **3EAEA7**, and if you desaturate by 10%, it is **60AEA9**.

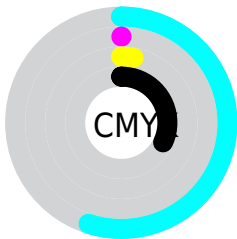
Distribution



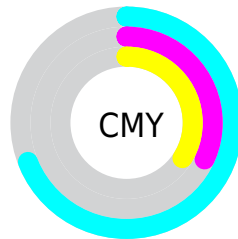
- Red (31%)
- Green (68%)
- Blue (66%)



- Red (31%)
- Yellow (50%)
- Blue (68%)



- Cyan (55%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (69%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FAEA8 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 4FAEA8 by changing the saturation by 10% instead.



4FAEA8



4FAEA8

FFFFFF



30938E



88E6DF



007974



A5FFFC



00605C



C2FFFF



004844



DFFFFFF



00302E



FDFFFF



001D19



000000



4FAEA8



4FAEA8



3EAEA7



60AEA9

 2CAEA6

 72AEAA

 1BAEA5

 83AEAB

 09AEA4

 95AEAC

 00AEA3

 A6AEAD

 B7AEAF

 C9AEB0

 DAAEB1

 ECAEB2

Harmonies

Analogous

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



6BAD8C



4FAEA8



47ACC1

Triad

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



4FAEA8



AF95C8



C1986D

Complementary

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



4FAEA8



AE4F55

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.



D18F7E



4FAEA8



C98DB2

Square

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



4FAEA8



8A9FD4



D48B97



A8A16A

Rectangle

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



4FAEA8



56A9CD



D48B97



C79571

Sweetspot

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



4FAEA8



BFE3E1



55AE4F



5D7371



F2F2F2



737373

Same Dimension

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



4FAEA8



4DE3D9



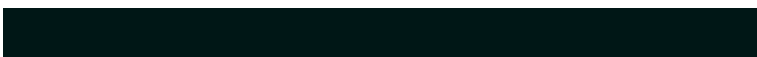
4F85AE



4E5756



00968D



001716

Inverse Universe

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



AE4F55



E34D57



AE784F



574E4F



96000A



170001

Previews

White Background



This preview shows how the Hex color 4FAEA8 looks on a white background.

Color Contrast Check

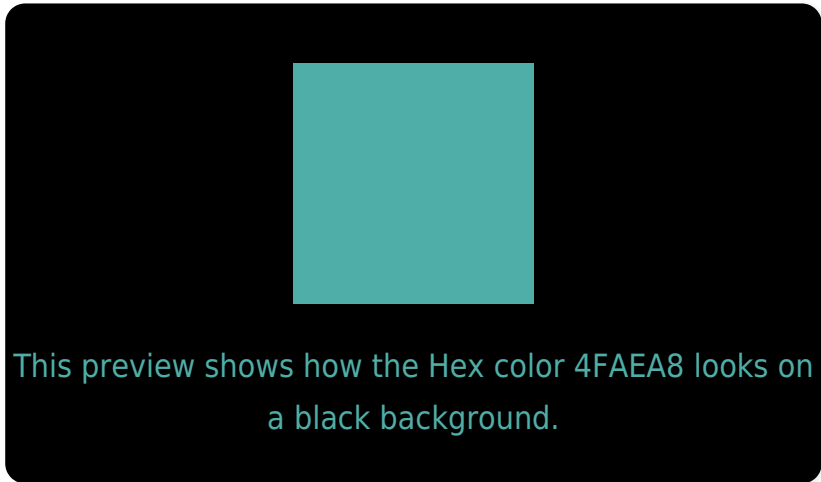
Large Text (above 18pt) WCAG AA × Fail

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

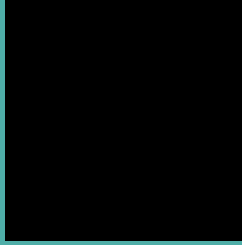
Any Text WCAG AA ✓ Pass

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 4FAEA8 Background



This preview shows how black text looks on a background with the Hex color 4FAEA8.

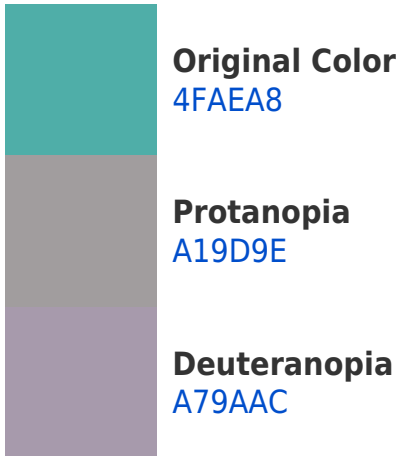


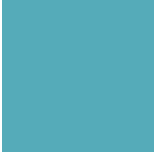
This preview shows how white text looks on a background with the Hex color 4FAEA8.

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](#).

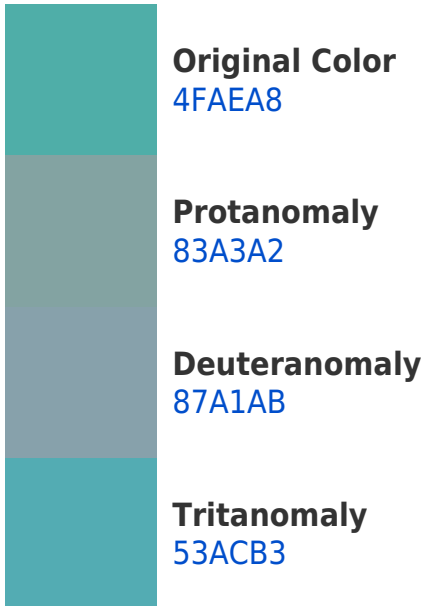
Dichromacy



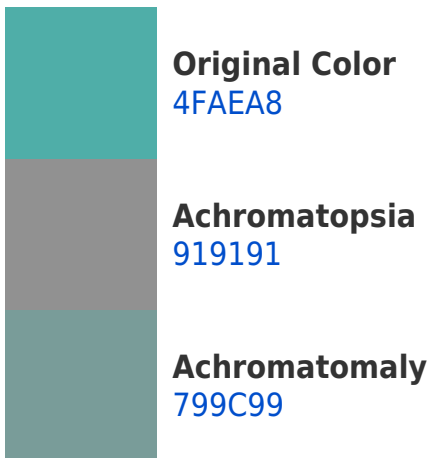


Tritanopia
55ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FAEA8 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 #4FAEA8 looks like.

```
.text, #text, p{  
    color:#4FAEA8  
}
```

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 #4FAEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FAEA8
}
```

Border

The CSS property to change the border of an element to Hex 4FAEA8 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
#4FAEA8 }
```

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

```
.border{ border-color:#4FAEA8 }
```

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

Here you see how a box with a 4 pixel #4FAEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FAEA8; -webkit-box-shadow:4px 4px  
4px 4px #4FAEA8; box-shadow:4px 4px 4px  
4px #4FAEA8 }
```

Background

The CSS property to change the background color of an element to Hex 4FAEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FAEA8 }
```

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

```
.background{ background-color:#4FAEA8 }
```

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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