

Converting Colors

Hex(4AFAEA)

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

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Color

Hex(4AFAEA)

Conversions

Conversions Part 1

Format	Color
Hex	4AFAEA
RGB	74, 250, 234
RGB Percent	29%, 98%, 92%
CMY	0.7098, 0.0196, 0.0824
CMYK	0.70, 0.00, 0.06, 0.02
HSL	175°, 95%, 64%
HSV	175°, 70%, 98%
XYZ	51.8609, 75.7676, 89.7332
YIQ	195.5520, -99.7600, -42.2880

Conversions

Conversions Part 2

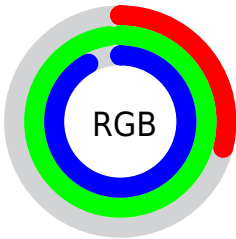
Format	Color
RYB	74, 166, 250
Decimal	4913898
CIELab	89.75, -47.25, -5.18
CIELCh	90, 47.534, 186.258
Yxy	75.7676, 0.2386, 0.3486
Android (android.graphics.Color)	4283103978 (0xFF4AFAEA)
YUV	195.5520, 18.9549, -106.6011
Hunter-Lab	87.0446, -45.9782, -0.1901

Details

The Hex color **4AFAEA** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA4A5A**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **91FFFF**, and **00C1B2** is the 20% darker color. If you saturate the color by 10%, you get **31FAE8**, and if you desaturate by 10%, it is **63FAEC**.

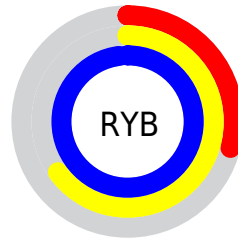
Distribution



Red (29%)

Green (98%)

Blue (92%)



Red (29%)

Yellow (65%)

Blue (98%)

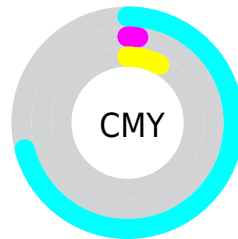


Cyan (70%)

Magenta (0%)

Yellow (6%)

Black (2%)



Cyan (71%)

Magenta (2%)

Yellow (8%)

Brightness & Saturation Gradients

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

 4AFAEA

FFFFFF

 91FFFF

 B1FFFF

 D1FFFF

 F1FFFF

 4AFAEA

 0BDDCE

 00C1B2

 00A598

 008A7E

 007065

 00564D

 003E36

 002821

 00000C

 4AFAEA

 4AFAEA

 31FAE8

 63FAEC

 18FAE5

 7CFAEF

 00FAE3

 95FAF1

 AEFAF3

 C7FAF5

 E0FAF8

 F9FAFA

 FFFAFC

 FFFAFE

Harmonies

Analogous

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



8DF7BC



4AFAEA



00F8FF

Triad

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



4AFAEA



F3D2FF



FFD28F

Complementary

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



4AFAEA



FA4A5A

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.



FFC4AE



4AFAEA



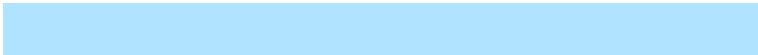
FFC4FF

Square

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



4AFAEA



AFE3FF



FFBEDA



F6E286

Rectangle

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



4AFAEA



3CF3FF



FFBEDA



FFCD98

Sweetspot

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



4AFAEA



C9FFFA



5CFA4A



60807D



000000



808080

Same Dimension

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



4AFAEA



29FFEC



4AB4FA



707D7C



00BDAC



003D38

Inverse Universe

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



FA4A5A



FF293C



FA904A



7D7072



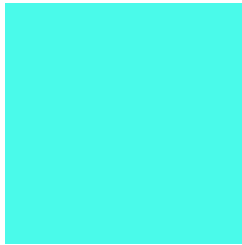
BD0011



3D0006

Previews

White Background



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

Color Contrast Check

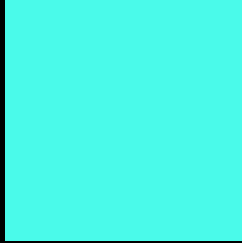
Large Text (above 18pt) WCAG AA × Fail

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 4AFAEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

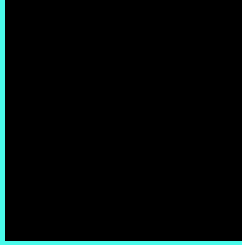
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

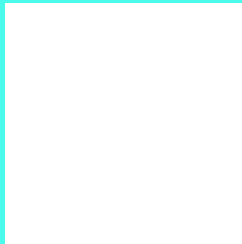
Any Text WCAG AAA ✓ Pass

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

Hex 4AFAEA Background



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

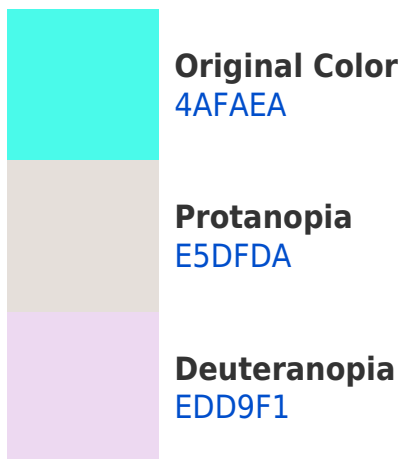


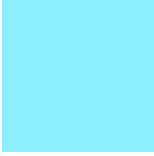
This preview shows how white text looks on a background with the Hex color 4AFAEA.

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



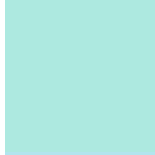


Tritanopia
8EF0FF

Trichromacy



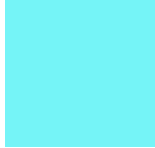
Original Color
4AFAEA



Protanomaly
ADE9E0



Deuteranomaly
B2E5EE

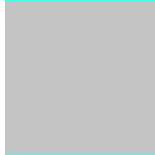


Tritanomaly
75F4F7

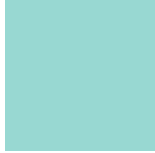
Monochromacy



Original Color
4AFAEA



Achromatopsia
C4C4C4



Achromatomaly
98D8D2

CSS Examples

Text

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

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

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 #4AFAEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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