

# Converting Colors

Hex(4AFFA3)

Have a look what the booklet for  
Hex(4AFFA3) contains.

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# Color

Hex(4AFFA3)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AFFA3
RGB	74, 255, 163
RGB Percent	29%, 100%, 64%
CMY	0.7098, 0.0000, 0.3608
CMYK	0.71, 0.00, 0.36, 0.00
HSL	150°, 100%, 65%
HSV	150°, 71%, 100%
XYZ	45.1949, 75.6202, 46.8645
YIQ	190.3930, -78.3440, -66.9840

# Conversions

## Conversions Part 2

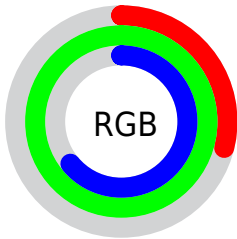
Format	Color
<a href="#">RYB</a>	<a href="#">74, 195, 255</a>
Decimal	<a href="#">4915107</a>
CIELab	<a href="#">89.68, -65.27, 31.21</a>
CIELCh	<a href="#">90, 72.346, 154.447</a>
Yxy	<a href="#">75.6202, 0.2695, 0.4510</a>
Android (android.graphics.Color)	<a href="#">4283105187 (0xFF4AFFA3)</a>
YUV	<a href="#">190.3930, -13.5047, -102.0767</a>
Hunter-Lab	<a href="#">86.9599, -59.4095, 28.9193</a>

# Details

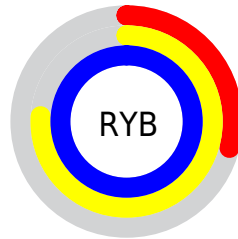
The Hex color **4AFFA3** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4AA6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **90FFDA**, and **00C56E** is the 20% darker color. If you saturate the color by 10%, you get **31FF96**, and if you desaturate by 10%, it is **64FFB0**.

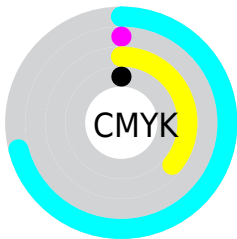
# Distribution



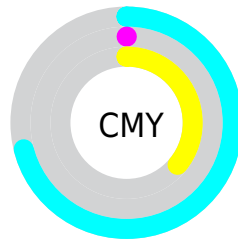
- Red (29%)
- Green (100%)
- Blue (64%)



- Red (29%)
- Yellow (76%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AFFA3 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 4AFFA3 by changing the saturation by 10% instead.



 4AFFA3

 4AFFA3

FFFFFF

 11E288

 90FFDA

 00C56E

 AFFFF7

 00A955

 CFFFFFF

 008D3D

 EEEFFF

 007225

 00580D

 003F00

 002700

 000000

 4AFFA3

 4AFFA3

 31FF96

 64FFB0

 17FF89

 7DFFBD

 00FF7D

 97FFCA

 B0FFD7

 CAFFE4

 E3FFF1

 FDFFE

 FFFFFFF

# Harmonies

## Analogous

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



B6F469



4AFFA3



00FFEA

# Triad

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



4AFFA3



68E6FF



FFAF97

# Complementary

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



4AFFA3



FF4AA6

# 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.



FFA3DA



4AFFA3



F3CBFF

# Square

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



4AFFA3



00F8FF



FFB0FF



FFC863

# Rectangle

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



4AFFA3



00FFFF



FFB0FF



FFA9AC

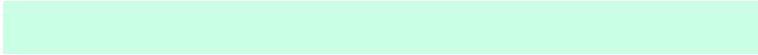


# Sweetspot

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



4AFFA3



C9FFE4



A8FF4A



60806F



000000



808080



# Same Dimension

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



4AFFA3



26FF91



4AFFFC



738079



00BF5E



00401F



# Inverse Universe

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



FF4AA6



FF2694



FF4A4D



807379



BF0061

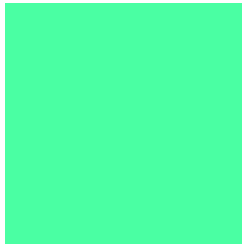


400020



# Previews

## White Background



This preview shows how the Hex color 4AFFA3 looks on a white background.

## Color Contrast Check

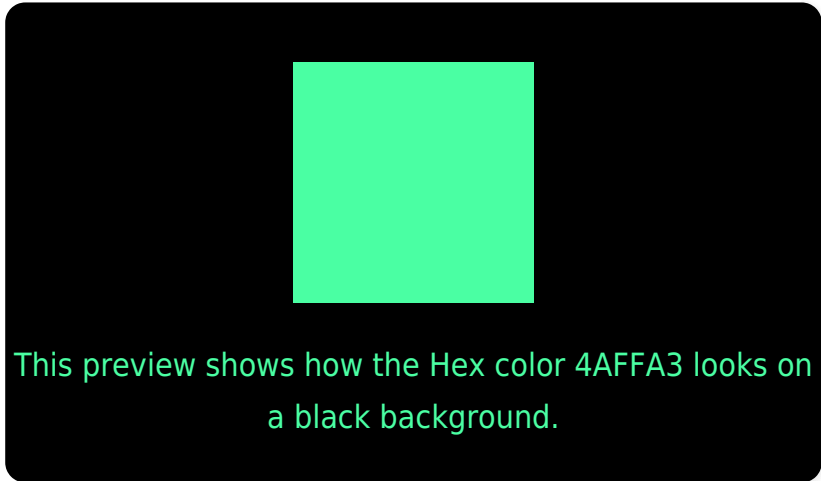
Large Text (above 18pt) WCAG AA × Fail

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

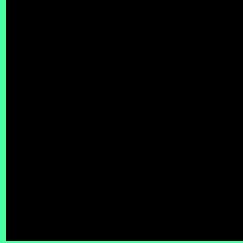
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AFFA3 Background



This preview shows how black text looks on a background with the Hex color 4AFFA3.

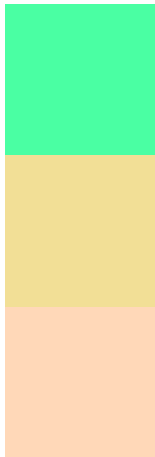


This preview shows how white text looks on a background with the Hex color 4AFFA3.

# 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](#).

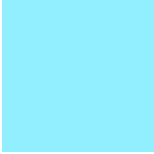
## Dichromacy



**Original Color**  
4AFFA3

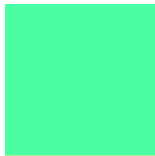
**Protanopia**  
F2DF96

**Deuteranopia**  
FFD8B8



**Tritanopia**  
91EFFF

# Trichromacy



**Original Color**

4AFFA3



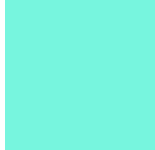
**Protanomaly**

B5EB9B



**Deuteranomaly**

BDE6B0



**Tritanomaly**

77F5DE

# Monochromacy



**Original Color**

4AFFA3



**Achromatopsia**

BEBEBE



**Achromatomaly**

94D6B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AFFA3 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 #4AFFA3 looks like.

```
.text, #text, p{  
    color:#4AFFA3  
}
```

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 #4AFFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AFFA3
}
```

## Border

The CSS property to change the border of an element to Hex 4AFFA3 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
#4AFFA3 }
```

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

```
.border{ border-color:#4AFFA3 }
```

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

Here you see how a box with a 4 pixel #4AFFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AFFA3; -webkit-box-shadow:4px 4px  
4px 4px #4AFFA3; box-shadow:4px 4px 4px  
4px #4AFFA3 }
```

# Background

The CSS property to change the background color of an element to Hex 4AFFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AFFA3 }
```

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

```
.background{ background-color:#4AFFA3 }
```

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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