

# Converting Colors

Hex(3AFAB4)

Have a look what the booklet for  
Hex(3AFAB4) contains.

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# Color

Hex(3AFAB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	3AFAB4
RGB	58, 250, 180
RGB Percent	23%, 98%, 71%
CMY	0.7725, 0.0196, 0.2941
CMYK	0.77, 0.00, 0.28, 0.02
HSL	158°, 95%, 60%
HSV	158°, 77%, 98%
XYZ	44.1687, 72.5660, 54.8587
YIQ	184.6120, -91.9620, -62.4740

# Conversions

## Conversions Part 2

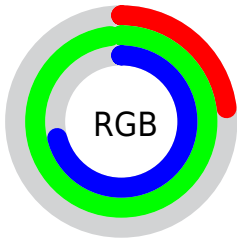
Format	Color
<a href="#">RYB</a>	<a href="#">58, 175, 250</a>
Decimal	<a href="#">3865268</a>
CIELab	<a href="#">88.24, -62.03, 20.58</a>
CIELCh	<a href="#">88, 65.353, 161.645</a>
Yxy	<a href="#">72.5660, 0.2574, 0.4229</a>
Android (android.graphics.Color)	<a href="#">4282055348 (0xFF3AFAB4)</a>
YUV	<a href="#">184.6120, -2.2737, -111.0387</a>
Hunter-Lab	<a href="#">85.1857, -56.5228, 21.4478</a>

# Details

The Hex color **3AFAB4** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **FA3A80**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **85FFEC**, and **00C07F** is the 20% darker color. If you saturate the color by 10%, you get **21FAAB**, and if you desaturate by 10%, it is **53FABD**.

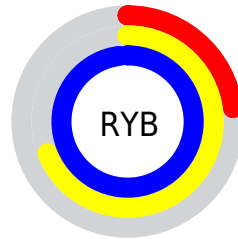
# Distribution



Red (23%)

Green (98%)

Blue (71%)



Red (23%)

Yellow (69%)

Blue (98%)

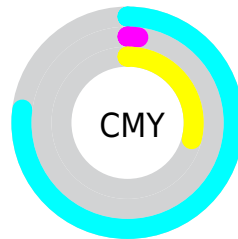


Cyan (77%)

Magenta (0%)

Yellow (28%)

Black (2%)



Cyan (77%)

Magenta (2%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AFAB4 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 3AFAB4 by changing the saturation by 10% instead.



 3AFAB4

 3AFAB4

FFFFFF

 00DD99

 85FFEC

 00C07F

 A5FFFF

 00A466

 C5FFFF

 00894D

 E5FFFF

 006E36

 005420

 003C0A

 002300

 000000

 3AFAB4

 3AFAB4

 21FAAB

 53FABD

 08FAA2

 6CFAC6

 00FA9F

 85FACF

 9EFAD8

 B7FAE2

 D0FAEB

 E9FAF4

 FFFAFD

 FFFAFF

# Harmonies

## Analogous

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



A6F17C



3AFAB4



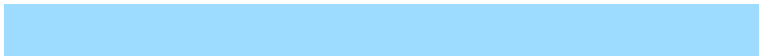
00FDF5

# Triad

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



3AFAB4



9EDCFF



FFB58E

# Complementary

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



3AFAB4



FA3A80

# 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.



FFA8C7



3AFAB4



FFC3FF

# Square

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



3AFAB4



00EFFF



FFAEFF



FFCC65

# Rectangle

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



3AFAB4



00FBFF



FFAEFF



FFAF9F

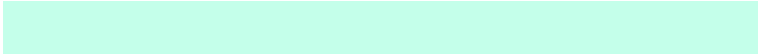


# Sweetspot

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



3AFAB4



C4FFEA



80FA3A



5C8072



000000



808080



# Same Dimension

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



3AFAB4



14FFA9



3AE0FA



707D78



00BD78



003D27



# Inverse Universe

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



FA3A80



FF146A



FA543A



7D7075



BD0045

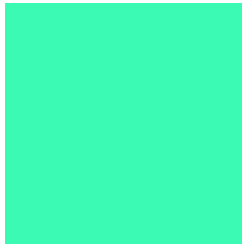


3D0016



# Previews

## White Background



This preview shows how the Hex color 3AFAB4 looks on a white background.

## Color Contrast Check

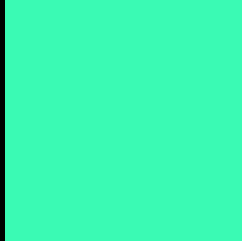
Large Text (above 18pt) WCAG AA × Fail

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 3AFAB4 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 3AFAB4 Background



This preview shows how black text looks on a background with the Hex color 3AFAB4.

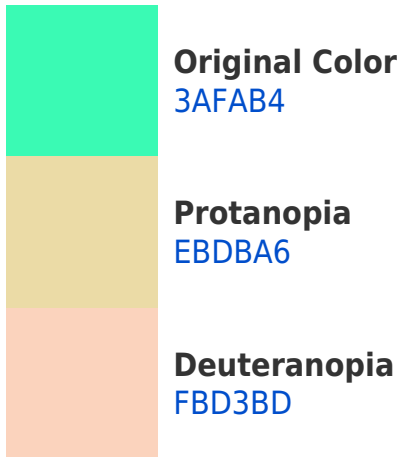


This preview shows how white text looks on a background with the Hex color 3AFAB4.

# 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**  
78EEFF

# Trichromacy



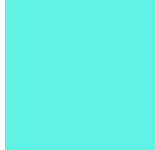
**Original Color**  
3AFAB4



**Protanomaly**  
ABE6AB



**Deuteranomaly**  
B5E1BA

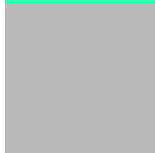


**Tritanomaly**  
61F2E4

# Monochromacy



**Original Color**  
3AFAB4



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
8BD1B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AFAB4 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 #3AFAB4 looks like.

```
.text, #text, p{  
    color:#3AFAB4  
}
```

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 #3AFAB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AFAB4
}
```

## Border

The CSS property to change the border of an element to Hex 3AFAB4 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
#3AFAB4 }
```

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

```
.border{ border-color:#3AFAB4 }
```

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

Here you see how a box with a 4 pixel #3AFAB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AFAB4; -webkit-box-shadow:4px 4px  
4px 4px #3AFAB4; box-shadow:4px 4px 4px  
4px #3AFAB4 }
```

# Background

The CSS property to change the background color of an element to Hex 3AFAB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AFAB4 }
```

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

```
.background{ background-color:#3AFAB4 }
```

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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