

Converting Colors

Hex(66FFAE)

Have a look what the booklet for
Hex(66FFAE) contains.

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Color

Hex(66FFAE)

Conversions

Conversions Part 1

Format	Color
Hex	66FFAE
RGB	102, 255, 174
RGB Percent	40%, 100%, 68%
CMY	0.6000, 0.0000, 0.3176
CMYK	0.60, 0.00, 0.32, 0.00
HSL	148°, 100%, 70%
HSV	148°, 60%, 100%
XYZ	48.8795, 77.4008, 52.4080
YIQ	200.0190, -65.1870, -57.6270

Conversions

Conversions Part 2

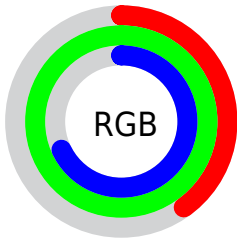
Format	Color
RYB	102, 206, 255
Decimal	6750126
CIELab	90.51, -58.49, 26.89
CIELCh	91, 64.373, 155.307
Yxy	77.4008, 0.2735, 0.4332
Android (android.graphics.Color)	4284940206 (0xFF66FFAE)
YUV	200.0190, -12.8274, -85.9627
Hunter-Lab	87.9777, -54.7883, 26.2655

Details

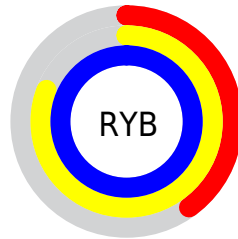
The Hex color **66FFAE** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF66B7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A5FFE6**, and **0DC579** is the 20% darker color. If you saturate the color by 10%, you get **4DFFA1**, and if you desaturate by 10%, it is **80FFBC**.

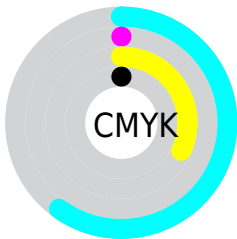
Distribution



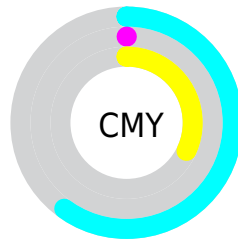
- Red (40%)
- Green (100%)
- Blue (68%)



- Red (40%)
- Yellow (81%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FFAE 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 66FFAE by changing the saturation by 10% instead.

 66FFAE

FFFFFF

 A5FFE6

 C3FFFF

 E2FFFF

 66FFAE

 43E293

 0DC579

 00A960

 008E47

 007330

 005919

 004001

 002900

 000300


 66FFAE

 66FFAE

 4DFFA1

 80FFBC

 33FF93

 99FFC9

 19FF86

 B3FFD7

 00FF78

 CCFFE4

 E6FFF2

FFFFFF

Harmonies

Analogous

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



BDF57B



66FFAE



00FFED

Triad

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



66FFAE



8BE7FF



FFB9A0

Complementary

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



66FFAE



FF66B7

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.



FFAFDB



66FFAE



F7CFFF

Square

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



66FFAE



00F8FF



FFB9FF



FFCE73

Rectangle

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



66FFAE



00FFFF



FFB9FF



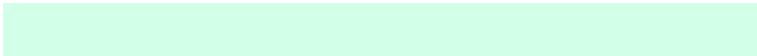
FFB4B3

Sweetspot

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



66FFAE



D1FFE7



B8FF66



638071



000000



808080

Same Dimension

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



66FFAE



47FF9E



66FFFA



738079



00BF5A



00401E

Inverse Universe

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



FF66B7



FF47A9



FF666B



80737A



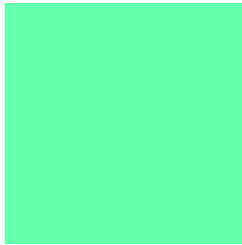
BF0065



400022

Previews

White Background



This preview shows how the Hex color 66FFAE looks on a white background.

Color Contrast Check

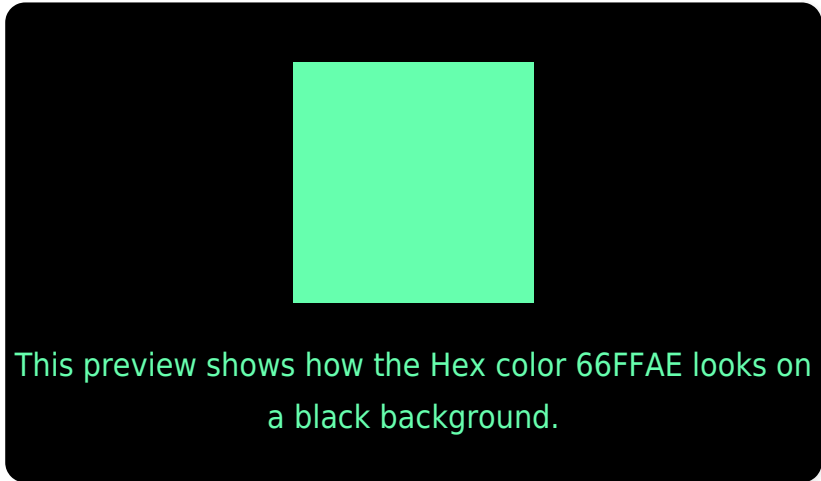
Large Text (above 18pt) WCAG AA × Fail

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

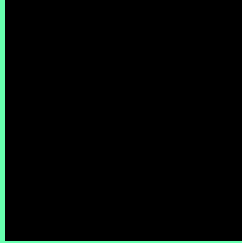
Any Text WCAG AA ✓ Pass

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 66FFAE Background



This preview shows how black text looks on a background with the Hex color 66FFAE.

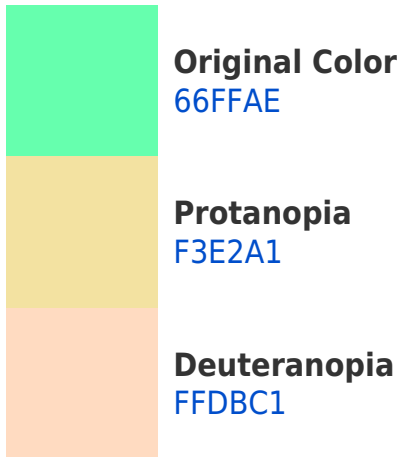


This preview shows how white text looks on a background with the Hex color 66FFAE.

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
A0F0FF

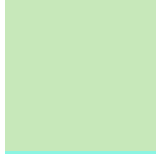
Trichromacy



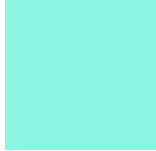
Original Color
66FFAE



Protanomaly
C0EDA6

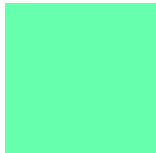


Deuteranomaly
C7E8BA

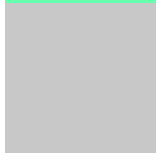


Tritanomaly
8BF5E2

Monochromacy



Original Color
66FFAE



Achromatopsia
C8C8C8



Achromatomaly
A4DCBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FFAE 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 #66FFAE looks like.

```
.text, #text, p{  
    color:#66FFAE  
}
```

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 #66FFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFAE
}
```

Border

The CSS property to change the border of an element to Hex 66FFAE 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
#66FFAE }
```

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

```
.border{ border-color:#66FFAE }
```

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

Here you see how a box with a 4 pixel #66FFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFAE; -webkit-box-shadow:4px 4px  
4px 4px #66FFAE; box-shadow:4px 4px 4px  
4px #66FFAE }
```

Background

The CSS property to change the background color of an element to Hex 66FFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFAE }
```

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

```
.background{ background-color:#66FFAE }
```

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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