

Converting Colors

Hex(6AFB9E)

Have a look what the booklet for
Hex(6AFB9E) contains.

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Color

Hex(6AFB9E)

Conversions

Conversions Part 1

Format	Color
Hex	6AFB9E
RGB	106, 251, 158
RGB Percent	42%, 98%, 62%
CMY	0.5843, 0.0157, 0.3804
CMYK	0.58, 0.00, 0.37, 0.02
HSL	142°, 95%, 70%
HSV	142°, 58%, 98%
XYZ	46.6126, 74.5272, 44.2762
YIQ	197.0430, -56.5670, -59.6630

Conversions

Conversions Part 2

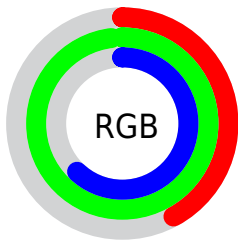
Format	Color
RYB	106, 213, 251
Decimal	7011230
CIELab	89.17, -59.03, 33.16
CIElCh	89, 67.701, 150.675
Yxy	74.5272, 0.2818, 0.4505
Android (android.graphics.Color)	4285201310 (0xFF6AFB9E)
YUV	197.0430, -19.2482, -79.8447
Hunter-Lab	86.3291, -54.6965, 30.0219

Details

The Hex color **6AFB9E** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FB6AC7**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A7FFD5**, and **1DC16A** is the 20% darker color. If you saturate the color by 10%, you get **51FB8E**, and if you desaturate by 10%, it is **83FBAE**.

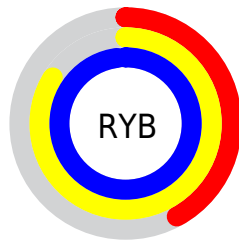
Distribution



Red (42%)

Green (98%)

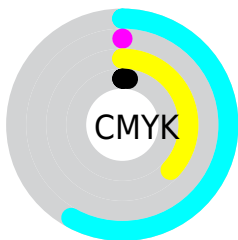
Blue (62%)



Red (42%)

Yellow (84%)

Blue (98%)

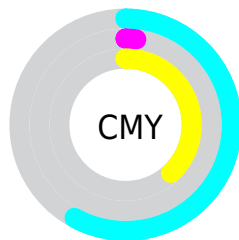


Cyan (58%)

Magenta (0%)

Yellow (37%)

Black (2%)



Cyan (58%)

Magenta (2%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AFB9E 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 6AFB9E by changing the saturation by 10% instead.

 6AFB9E

 6AFB9E

FFFFFF

 49DE83

 A7FFD5

 1DC16A

 C6FFF2

 00A551

 E4FFFF

 008A38

 007020

 005606

 003D00

 002600

 000000

 6AFB9E

 6AFB9E

 51FB8E

 83FBAE

 38FB7E

 9CFBBE

 1FFB6E

 B5FBCE

 06FB5E

 CEFBDE

 00FB5A

 E7FBEE

 FFFBFF

Harmonies

Analogous

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



C2F06B



6AFB9E



00FFDF

Triad

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



6AFB9E



5FE7FF



FFAFA2

Complementary

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



6AFB9E



FB6AC7

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.



FFA8E1



6AFB9E



E5CEFF

Square

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



6AFB9E



00F7FF



FFB5FF



FFC56F

Rectangle

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



6AFB9E



00FFFF



FFB5FF



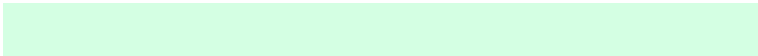
FFAAB6

Sweetspot

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



6AFB9E



D4FFE3



C8FB6A



66806F



000000



808080

Same Dimension

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



6AFB9E



4FFF8E



6AFBE5



707D75



00BD44



003D16

Inverse Universe

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



FB6AC7



FF4FC0



FB6A80



7D7078



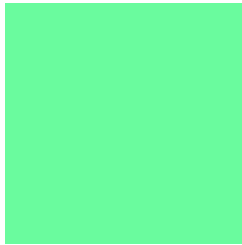
BD0079



3D0027

Previews

White Background



This preview shows how the Hex color 6AFB9E 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 6AFB9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

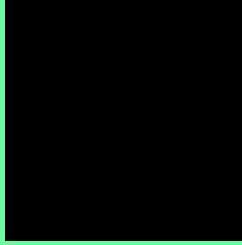
Any Text WCAG AA ✓ Pass

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 6AFB9E Background



This preview shows how black text looks on a background with the Hex color 6AFB9E.

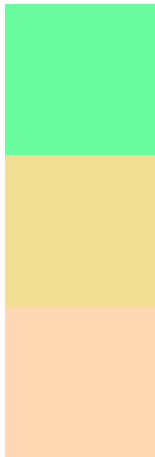


This preview shows how white text looks on a background with the Hex color 6AFB9E.

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](#).

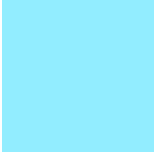
Dichromacy



Original Color
6AFB9E

Protanopia
F1DE92

Deuteranopia
FFD7B3



Tritanopia
92EDFF

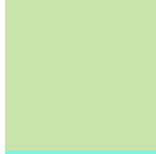
Trichromacy



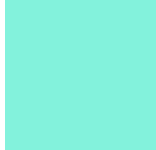
Original Color
6AFB9E



Protanomaly
C0E996

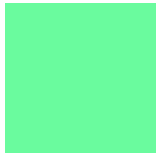


Deuteranomaly
C9E4AB

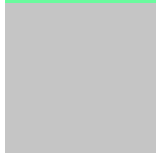


Tritanomaly
83F2DC

Monochromacy



Original Color
6AFB9E



Achromatopsia
C5C5C5



Achromatomaly
A4D9B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFB9E 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 #6AFB9E looks like.

```
.text, #text, p{  
    color:#6AFB9E  
}
```

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 #6AFB9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFB9E
}
```

Border

The CSS property to change the border of an element to Hex 6AFB9E 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
#6AFB9E }
```

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

```
.border{ border-color:#6AFB9E }
```

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

Here you see how a box with a 4 pixel #6AFB9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFB9E; -webkit-box-shadow:4px 4px  
4px 4px #6AFB9E; box-shadow:4px 4px 4px  
4px #6AFB9E }
```

Background

The CSS property to change the background color of an element to Hex 6AFB9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFB9E }
```

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

```
.background{ background-color:#6AFB9E }
```

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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