

Converting Colors

Hex(6AFB6D)

Have a look what the booklet for
Hex(6AFB6D) contains.

Hex(6AFB6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AFB6D)

Conversions

Conversions Part 1

Format	Color
Hex	6AFB6D
RGB	106, 251, 109
RGB Percent	42%, 98%, 43%
CMY	0.5843, 0.0157, 0.5725
CMYK	0.58, 0.00, 0.57, 0.02
HSL	121°, 95%, 70%
HSV	121°, 58%, 98%
XYZ	43.2014, 73.1627, 26.3129
YIQ	191.4570, -40.8380, -74.9020

Conversions

Conversions Part 2

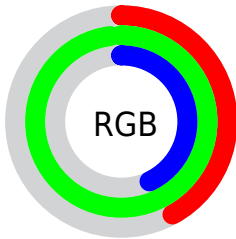
Format	Color
RYB	106, 248, 251
Decimal	7011181
CIELab	88.53, -66.10, 55.64
CIELCh	89, 86.404, 139.913
Yxy	73.1627, 0.3028, 0.5128
Android (android.graphics.Color)	4285201261 (0xFF6AFB6D)
YUV	191.4570, -40.6513, -74.9458
Hunter-Lab	85.5352, -59.5313, 41.6355

Details

The Hex color **6AFB6D** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FB6AF8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A8FFA4**, and **18C136** is the 20% darker color. If you saturate the color by 10%, you get **51FB54**, and if you desaturate by 10%, it is **83FB86**.

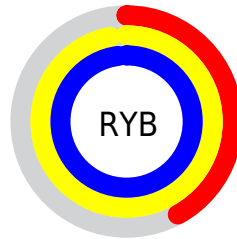
Distribution



Red (42%)

Green (98%)

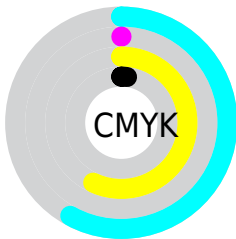
Blue (43%)



Red (42%)

Yellow (97%)

Blue (98%)

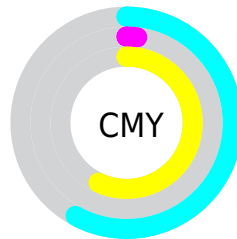


Cyan (58%)

Magenta (0%)

Yellow (57%)

Black (2%)



Cyan (58%)

Magenta (2%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AFB6D 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 6AFB6D by changing the saturation by 10% instead.

 6AFB6D

 6AFB6D

FFFFFF

 48DE52

 A8FFA4

 18C136

 C7FFC0

 00A517

 E6FFDD

 008A00

 FFFFAA

 006F00

 005500

 003D00

 002400

 000000

 6AFB6D

 6AFB6D

 51FB54

 83FB86

 38FB3C

 9CFB9E

 1FFB23

 B5FBB7

 06FB0B

 CEFBCF

 00FB05

 E7FBE8

 FFFBFF

Harmonies

Analogous

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



D3EB29



6AFB6D



00FFBF

Triad

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



6AFB6D



00F0FF



FF91AB

Complementary

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



6AFB6D



FB6AF8

Split Complementary

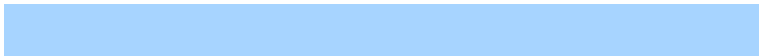
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF91FE



6AFB6D



A7D4FF

Square

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



6AFB6D



00FFFF



FFAFFF



FFAE61

Rectangle

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



6AFB6D



00FFF8



FFAFFF



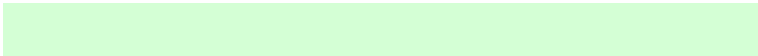
FF8DC6

Sweetspot

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



6AFB6D



D4FFD5



F9FB6A



668067



000000



808080

Same Dimension

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



6AFB6D



4FFF53



6AFBB5



707D71



00BD04



003D01

Inverse Universe

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



FB6AF8



FF4FFB



FB6AB0



7D707D



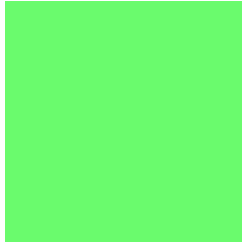
BD00B9



3D003C

Previews

White Background



This preview shows how the Hex color 6AFB6D 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 6AFB6D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

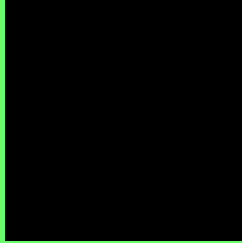
Any Text WCAG AA ✓ Pass

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 6AFB6D Background



This preview shows how black text looks on a background with the Hex color 6AFB6D.

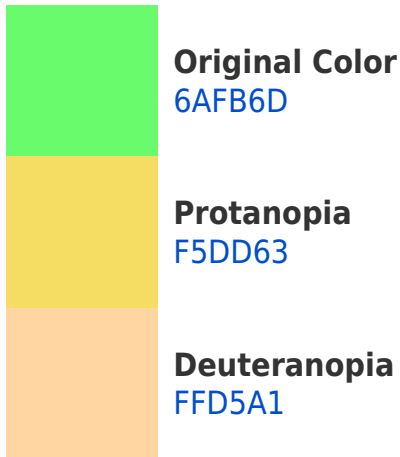


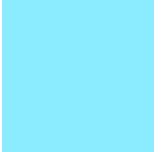
This preview shows how white text looks on a background with the Hex color 6AFB6D.

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



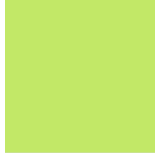


Tritanopia
8CECFE

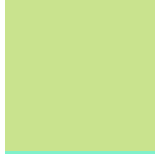
Trichromacy



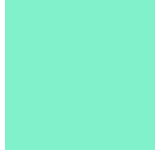
Original Color
6AFB6D



Protanomaly
C2E867



Deuteranomaly
C9E38E

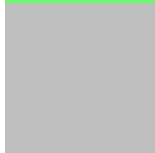


Tritanomaly
80F1CA

Monochromacy



Original Color
6AFB6D



Achromatopsia
BFBFBF



Achromatomaly
A0D5A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFB6D 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 #6AFB6D looks like.

```
.text, #text, p{  
    color:#6AFB6D  
}
```

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 #6AFB6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFB6D
}
```

Border

The CSS property to change the border of an element to Hex 6AFB6D 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
#6AFB6D }
```

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

```
.border{ border-color:#6AFB6D }
```

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

Here you see how a box with a 4 pixel #6AFB6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFB6D; -webkit-box-shadow:4px 4px  
4px 4px #6AFB6D; box-shadow:4px 4px 4px  
4px #6AFB6D }
```

Background

The CSS property to change the background color of an element to Hex 6AFB6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFB6D }
```

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

```
.background{ background-color:#6AFB6D }
```

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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