

Converting Colors

Hex(6BFAA5)

Have a look what the booklet for
Hex(6BFAA5) contains.

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Color

Hex(6BFAA5)

Conversions

Conversions Part 1

Format	Color
Hex	6BFAA5
RGB	107, 250, 165
RGB Percent	42%, 98%, 65%
CMY	0.5804, 0.0196, 0.3529
CMYK	0.57, 0.00, 0.34, 0.02
HSL	144°, 93%, 70%
HSV	144°, 57%, 98%
XYZ	47.0405, 74.2136, 47.4427
YIQ	197.5530, -57.9430, -56.7510

Conversions

Conversions Part 2

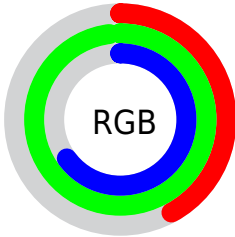
Format	Color
RYB	107, 209, 250
Decimal	7076517
CIELab	89.02, -57.19, 29.45
CIELCh	89, 64.324, 152.751
Yxy	74.2136, 0.2788, 0.4399
Android (android.graphics.Color)	4285266597 (0xFF6BFAA5)
YUV	197.5530, -16.0486, -79.4150
Hunter-Lab	86.1473, -53.2883, 27.6512

Details

The Hex color **6BFAA5** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FA6BC0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A8FFDC**, and **20C070** is the 20% darker color. If you saturate the color by 10%, you get **52FA96**, and if you desaturate by 10%, it is **84FAB4**.

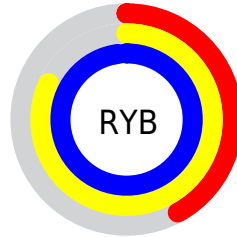
Distribution



Red (42%)

Green (98%)

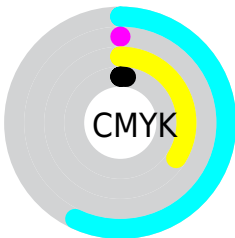
Blue (65%)



Red (42%)

Yellow (82%)

Blue (98%)

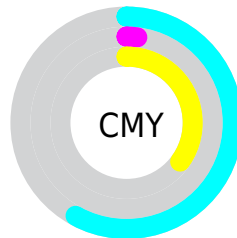


Cyan (57%)

Magenta (0%)

Yellow (34%)

Black (2%)



Cyan (58%)

Magenta (2%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BFAA5 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 6BFAA5 by changing the saturation by 10% instead.

 6BFAA5

 6BFAA5

FFFFFF

 4ADD8A

 A8FFDC

 20C070

 C6FFF9

 00A557

 E5FFFF

 00893F

 006F28

 005510

 003C00

 002500

 000000

 6BFAA5

 6BFAA5

 52FA96

 84FAB4

 39FA87

 9DFAC3

 20FA78

 B6FAD2

 07FA6A

 CFFAE0

 00FA65

 E8FAEF

 FFFAFE

 FFFAFF

Harmonies

Analogous

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



BFEF74



6BFAA5



00FE4

Triad

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



6BFAA5



79E4FF



FFB3A1

Complementary

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



6BFAA5



FA6BC0

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.



FFABDC



6BFAA5



EBCDFF

Square

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



6BFAA5



00F5FF



FFB6FF



FFC872

Rectangle

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



6BFAA5



00FEFF



FFB6FF



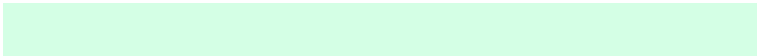
FFAEB4

Sweetspot

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



6BFAA5



D4FFE5



C1FA6B



668070



000000



808080

Same Dimension

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



6BFAA5



4FFF96



6BFAEC



707D76



00BD4D



003D19

Inverse Universe

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



FA6BC0



FF4FB8



FA6B79



7D7078



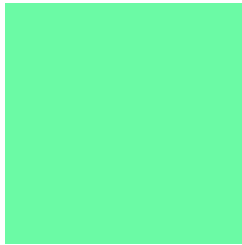
BD0070



3D0024

Previews

White Background



This preview shows how the Hex color 6BFAA5 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 6BFAA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

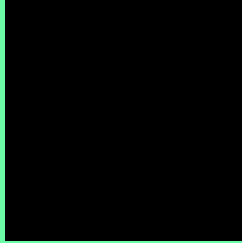
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

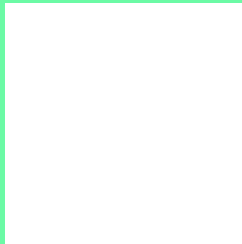
Any Text WCAG AAA ✓ Pass

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

Hex 6BFAA5 Background



This preview shows how black text looks on a background with the Hex color 6BFAA5.

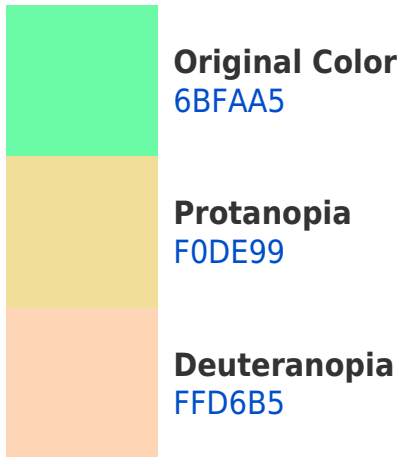


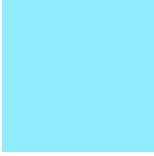
This preview shows how white text looks on a background with the Hex color 6BFAA5.

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
90EDFF

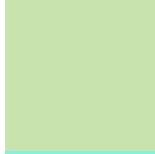
Trichromacy



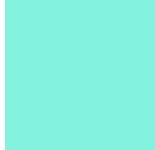
Original Color
6BFAA5



Protanomaly
C0E89D



Deuteranomaly
C9E3AF

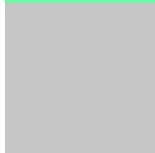


Tritanomaly
83F2DE

Monochromacy



Original Color
6BFAA5



Achromatopsia
C6C6C6



Achromatomaly
A5D9BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BFAA5 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 #6BFAA5 looks like.

```
.text, #text, p{  
    color:#6BFAA5  
}
```

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 #6BFAA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFAA5
}
```

Border

The CSS property to change the border of an element to Hex 6BFAA5 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
#6BFAA5 }
```

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

```
.border{ border-color:#6BFAA5 }
```

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

Here you see how a box with a 4 pixel #6BFAA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BFAA5; -webkit-box-shadow:4px 4px  
4px 4px #6BFAA5; box-shadow:4px 4px 4px  
4px #6BFAA5 }
```

Background

The CSS property to change the background color of an element to Hex 6BFAA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFAA5 }
```

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

```
.background{ background-color:#6BFAA5 }
```

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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