

Converting Colors

Hex(6AFFA2)

Have a look what the booklet for
Hex(6AFFA2) contains.

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Color

Hex(6AFFA2)

Conversions

Conversions Part 1

Format	Color
Hex	6AFFA2
RGB	106, 255, 162
RGB Percent	42%, 100%, 64%
CMY	0.5843, 0.0000, 0.3647
CMYK	0.58, 0.00, 0.36, 0.00
HSL	143°, 100%, 71%
HSV	143°, 58%, 100%
XYZ	48.2254, 77.1928, 46.5404
YIQ	199.8470, -58.9510, -60.5110

Conversions

Conversions Part 2

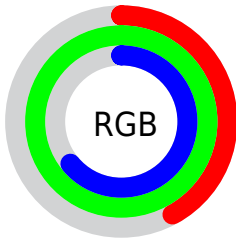
Format	Color
R _Y B	106, 214, 255
Decimal	7012258
CIE Lab	90.41, -59.87, 32.81
CIE LCh	90, 68.271, 151.277
Yxy	77.1928, 0.2804, 0.4489
Android (android.graphics.Color)	4285202338 (0xFF6AFFA2)
YUV	199.8470, -18.6586, -82.3038
Hunter-Lab	87.8594, -55.7766, 30.0949

Details

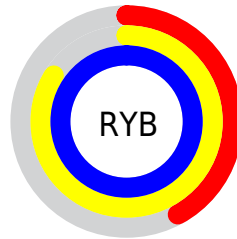
The Hex color **6AFFA2** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF6AC7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A8FFD9**, and **1BC56D** is the 20% darker color. If you saturate the color by 10%, you get **51FF92**, and if you desaturate by 10%, it is **84FFB2**.

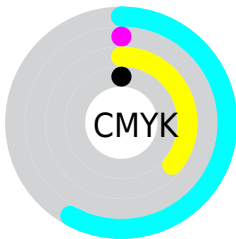
Distribution



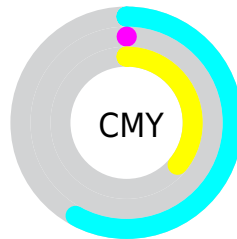
- Red (42%)
- Green (100%)
- Blue (64%)



- Red (42%)
- Yellow (84%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AFFA2 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 6AFFA2 by changing the saturation by 10% instead.

 6AFFA2

 6AFFA2

FFFFFF

 48E287

 A8FFD9

 1BC56D

 C6FFF6

 00A954

 E5FFF6

 008E3C

 007324

 00590B

 004000

 002900

 000300

 6AFFA2

 6AFFA2

 51FF92

 84FFB2

 37FF82

 9DFFC2

 1EFF72

 B7FFD2

 04FF62

 D0FFE2

 00FF60

 EAFFF2

FFFFFF

Harmonies

Analogous

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



C3F46E



6AFFA2



00FFE4

Triad

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



6AFFA2



66EAFF



FFB3A3

Complementary

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



6AFFA2



FF6AC7

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.



FFAAE3



6AFFA2



EAD1FF

Square

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



6AFFA2



00FBFF



FFB8FF



FFC971

Rectangle

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



6AFFA2



00FFFF



FFB8FF



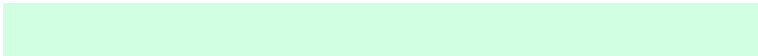
FFAEB8

Sweetspot

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



6AFFA2



D1FFE2



C8FF6A



63806E



000000



808080

Same Dimension

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



6AFFA2



4DFF90



6AFFEB



738078



00BF48



004018

Inverse Universe

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



FF6AC7



FF4DBC



FF6A7E



80737B



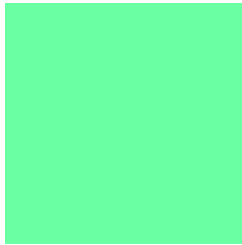
BF0077



400028

Previews

White Background



This preview shows how the Hex color 6AFFA2 looks on a white background.

Color Contrast Check

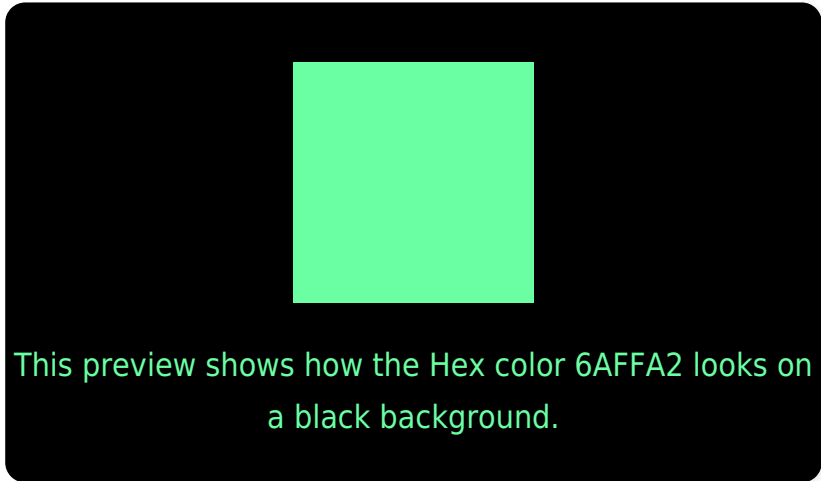
Large Text (above 18pt) WCAG AA × Fail

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

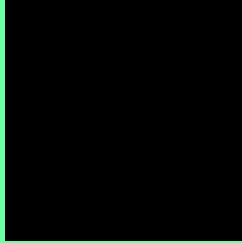
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

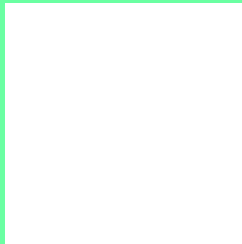
Any Text WCAG AAA ✓ Pass

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

Hex 6AFFA2 Background



This preview shows how black text looks on a background with the Hex color 6AFFA2.

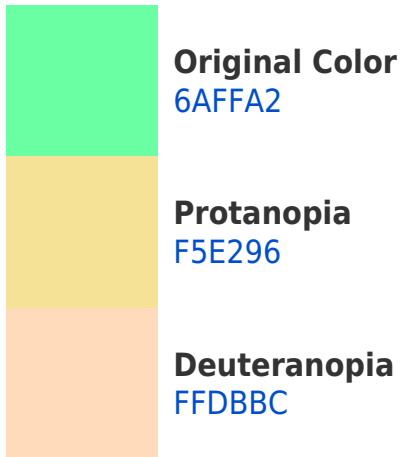


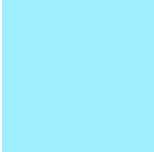
This preview shows how white text looks on a background with the Hex color 6AFFA2.

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](#).

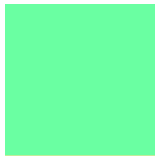
Dichromacy





Tritanopia
A0EFFF

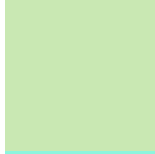
Trichromacy



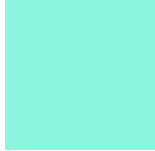
Original Color
6AFFA2



Protanomaly
C2ED9A



Deuteranomaly
C9E8B3

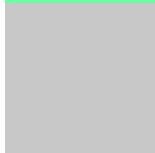


Tritanomaly
8CF5DD

Monochromacy



Original Color
6AFFA2



Achromatopsia
C8C8C8



Achromatomaly
A6DCBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFFA2 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 #6AFFA2 looks like.

```
.text, #text, p{  
    color:#6AFFA2  
}
```

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 #6AFFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFFA2
}
```

Border

The CSS property to change the border of an element to Hex 6AFFA2 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
#6AFFA2 }
```

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

```
.border{ border-color:#6AFFA2 }
```

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

Here you see how a box with a 4 pixel #6AFFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFFA2; -webkit-box-shadow:4px 4px  
4px 4px #6AFFA2; box-shadow:4px 4px 4px  
4px #6AFFA2 }
```

Background

The CSS property to change the background color of an element to Hex 6AFFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFFA2 }
```

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

```
.background{ background-color:#6AFFA2 }
```

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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