

Converting Colors

Hex(6AFEA2)

Have a look what the booklet for
Hex(6AFEA2) contains.

Hex(6AFEA2)	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(6AFEA2)

Conversions

Conversions Part 1

Format	Color
Hex	6AFEA2
RGB	106, 254, 162
RGB Percent	42%, 100%, 64%
CMY	0.5843, 0.0039, 0.3647
CMYK	0.58, 0.00, 0.36, 0.00
HSL	143°, 99%, 71%
HSV	143°, 58%, 100%
XYZ	47.9073, 76.5564, 46.4343
YIQ	199.2600, -58.6760, -59.9880

Conversions

Conversions Part 2

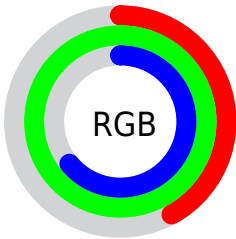
Format	Color
RYB	106, 213, 254
Decimal	7012002
CIELab	90.12, -59.49, 32.42
CIELCh	90, 67.746, 151.410
Yxy	76.5564, 0.2803, 0.4480
Android (android.graphics.Color)	4285202082 (0xFF6AFE A2)
YUV	199.2600, -18.3692, -81.7890
Hunter-Lab	87.4965, -55.3842, 29.7824

Details

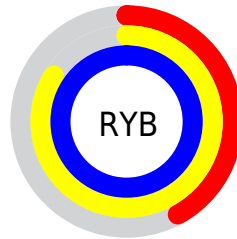
The Hex color **6AFEA2** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE6AC6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **A8FFD9**, and **1BC46D** is the 20% darker color. If you saturate the color by 10%, you get **51FE92**, and if you desaturate by 10%, it is **83FEB2**.

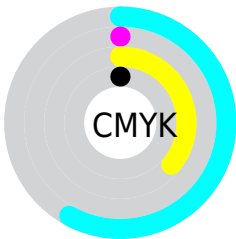
Distribution



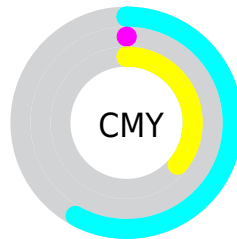
- Red (42%)
- Green (100%)
- Blue (64%)



- 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 6AFEA2 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 6AFEA2 by changing the saturation by 10% instead.

 6AFEA2

FFFFFF

 A8FFD9

 C6FFF6

 E5FFFF

 6AFEA2

 48E187

 1BC46D

 00A854

 008D3C

 007224

 00580B

 003F00

 002800

 000100

 6AFEA2

 6AFEA2

 51FE92

 83FEB2

 37FE82

 9DFEC2

 1EFE73

 B6FED1

 04FE63

 D0FEE1

 00FE60

 E9FEF1

FFFEFF

Harmonies

Analogous

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



C3F36F



6AFEA2



00FE4

Triad

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



6AFEA2



68E9FF



FFB2A3

Complementary

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



6AFEA2



FE6AC6

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.



FFAAE2



6AFEA2



EAD0FF

Square

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



6AFEA2



00F9FF



FFB7FF



FFC971

Rectangle

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



6AFEA2



00FFFF



FFB7FF



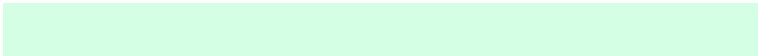
FFADB7

Sweetspot

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



6AFE42



D4FFE4



C8FE6A



668070



000000



808080

Same Dimension

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



6AFEA2



4DFF90



6AFEEA



738078



00BF48



004018

Inverse Universe

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



FE6AC6



FF4DBB



FE6A7E



80737B



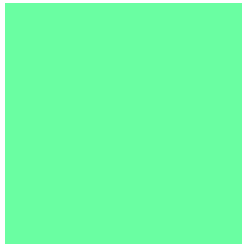
BF0077



400028

Previews

White Background



This preview shows how the Hex color 6AFEA2 looks on a white background.

Color Contrast Check

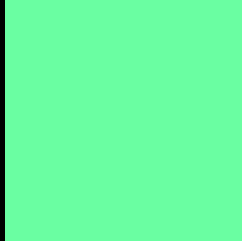
Large Text (above 18pt) WCAG AA × Fail

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 6AFEA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

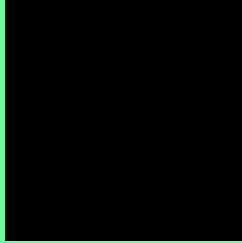
Any Text WCAG AA ✓ Pass

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 6AFEA2 Background



This preview shows how black text looks on a background with the Hex color 6AFEA2.

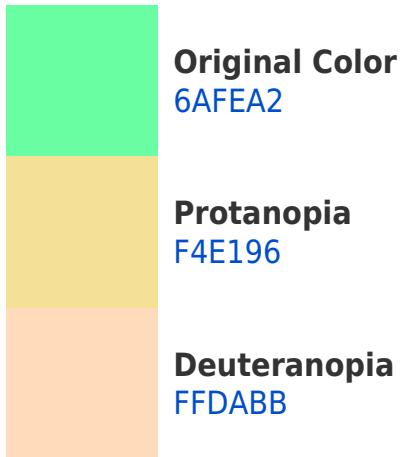


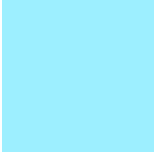
This preview shows how white text looks on a background with the Hex color 6AFEA2.

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
9DEFFF

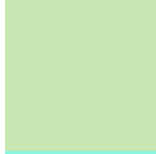
Trichromacy



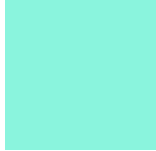
Original Color
6AFEA2



Protanomaly
C2EC9A

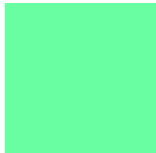


Deuteranomaly
C9E7B2

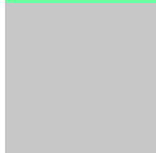


Tritanomaly
8AF4DD

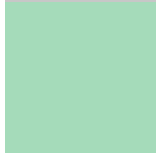
Monochromacy



Original Color
6AFEA2



Achromatopsia
C7C7C7



Achromatomaly
A5DBBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFEAE2 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 #6AFEAE2 looks like.

```
.text, #text, p{  
    color:#6AFEAE2  
}
```

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 #6AFEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFEA2
}
```

Border

The CSS property to change the border of an element to Hex 6AFEA2 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
#6AFEA2 }
```

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

```
.border{ border-color:#6AFEA2 }
```

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

Here you see how a box with a 4 pixel #6AFEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFEA2; -webkit-box-shadow:4px 4px  
4px 4px #6AFEA2; box-shadow:4px 4px 4px  
4px #6AFEA2 }
```

Background

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

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

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

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

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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