

Converting Colors

Hex(4BFFA2)

Have a look what the booklet for
Hex(4BFFA2) contains.

Hex(4BFFA2)	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(4BFFA2)

Conversions

Conversions Part 1

Format	Color
Hex	4BFFA2
RGB	75, 255, 162
RGB Percent	29%, 100%, 64%
CMY	0.7059, 0.0000, 0.3647
CMYK	0.71, 0.00, 0.36, 0.00
HSL	149°, 100%, 65%
HSV	149°, 71%, 100%
XYZ	45.1832, 75.6245, 46.3980
YIQ	190.5780, -77.4270, -67.0830

Conversions

Conversions Part 2

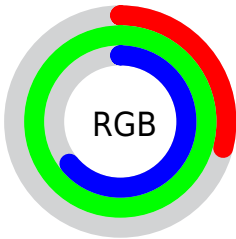
Format	Color
RYB	75, 196, 255
Decimal	4980642
CIELab	89.68, -65.31, 31.71
CIElCh	90, 72.604, 154.101
Yxy	75.6245, 0.2702, 0.4523
Android (android.graphics.Color)	4283170722 (0xFF4BFFA2)
YUV	190.5780, -14.0890, -101.3619
Hunter-Lab	86.9623, -59.4404, 29.2400

Details

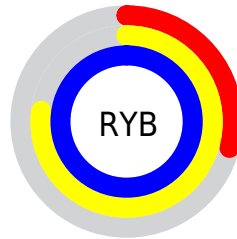
The Hex color **4BFFA2** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4BA8**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **90FFD9**, and **00C56D** is the 20% darker color. If you saturate the color by 10%, you get **32FF95**, and if you desaturate by 10%, it is **65FFAF**.

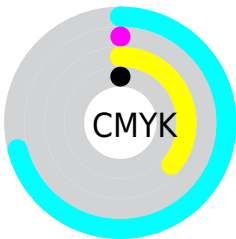
Distribution



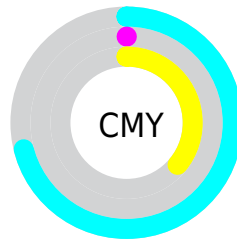
- Red (29%)
- Green (100%)
- Blue (64%)



- Red (29%)
- Yellow (77%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BFFA2 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 4BFFA2 by changing the saturation by 10% instead.

 4BFFA2

FFFFFF

 90FFD9

 B0FFF6

 CFFFFFF

 EFFFFFF

 4BFFA2

 15E287

 00C56D

 00A954

 008D3C

 007224

 00580B

 003F00

 002700

 000000

 4BFFA2

 4BFFA2

 32FF95

 65FFAF

 18FF88

 7EFFBC

 00FF7B

 98FFCA

 B1FFD7

 CBFFE4

 E4FFF1

FEFFFE

FFFFFF

Harmonies

Analogous

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



B7F468



4BFFA2



00FFE9

Triad

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



4BFFA2



64E6FF



FFAE97

Complementary

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



4BFFA2



FF4BA8

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.



FFA3DB



4BFFA2



F1CBFF

Square

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



4BFFA2



00F9FF



FFB0FF



FFC863

Rectangle

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



4BFFA2



00FFFF



FFB0FF



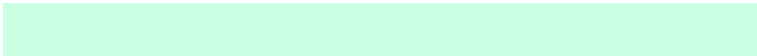
FFA8AD

Sweetspot

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



4BFFA2



C9FFE3



A8FF4B



60806F



000000



808080

Same Dimension

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



4BFFA2



26FF8F



4BFFFC



738079



00BF5C



00401F

Inverse Universe

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



FF4BA8



FF2696



FF4B4E



807379



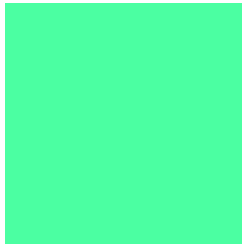
BF0063



400021

Previews

White Background



This preview shows how the Hex color 4BFFA2 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 4BFFA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

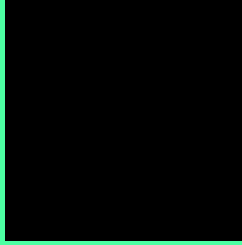
Any Text WCAG AA ✓ Pass

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 4BFFA2 Background



This preview shows how black text looks on a background with the Hex color 4BFFA2.

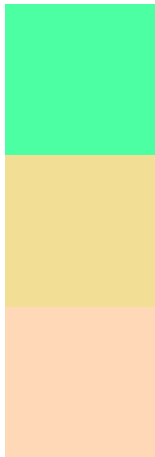


This preview shows how white text looks on a background with the Hex color 4BFFA2.

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](#).

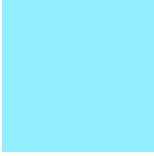
Dichromacy



Original Color
4BFFA2

Protanopia
F2DF95

Deuteranopia
FFD8B7



Tritanopia
91EFFF

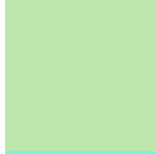
Trichromacy



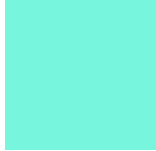
Original Color
4BFFA2



Protanomaly
B5EB9A

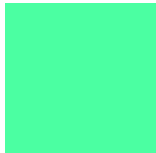


Deuteranomaly
BEE6AF

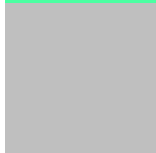


Tritanomaly
78F5DD

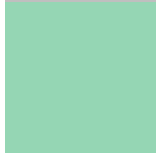
Monochromacy



Original Color
4BFFA2



Achromatopsia
BFBFBF



Achromatomaly
95D6B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BFFA2 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 #4BFFA2 looks like.

```
.text, #text, p{  
    color:#4BFFA2  
}
```

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 #4BFFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BFFA2
}
```

Border

The CSS property to change the border of an element to Hex 4BFFA2 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
#4BFFA2 }
```

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

```
.border{ border-color:#4BFFA2 }
```

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

Here you see how a box with a 4 pixel #4BFFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BFFA2; -webkit-box-shadow:4px 4px  
4px 4px #4BFFA2; box-shadow:4px 4px 4px  
4px #4BFFA2 }
```

Background

The CSS property to change the background color of an element to Hex 4BFFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFFA2 }
```

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

```
.background{ background-color:#4BFFA2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor