

# Converting Colors

Hex(5BFF94)

Have a look what the booklet for  
Hex(5BFF94) contains.

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**Color**

**Hex(5BFF94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BFF94
RGB	91, 255, 148
RGB Percent	36%, 100%, 58%
CMY	0.6431, 0.0000, 0.4196
CMYK	0.64, 0.00, 0.42, 0.00
HSL	141°, 100%, 68%
HSV	141°, 64%, 100%
XYZ	45.4197, 75.8823, 40.2699
YIQ	193.7660, -63.3970, -68.0450

# Conversions

## Conversions Part 2

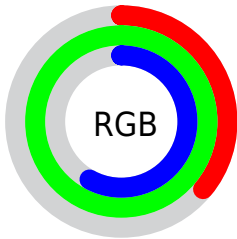
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 213, 255
Decimal	6029204
CIELab	89.80, -65.15, 38.86
CIElCh	90, 75.859, 149.184
Yxy	75.8823, 0.2811, 0.4697
Android (android.graphics.Color)	4284219284 (0xFF5BFF94)
YUV	193.7660, -22.5626, -90.1258
Hunter-Lab	87.1104, -59.3727, 33.5684

# Details

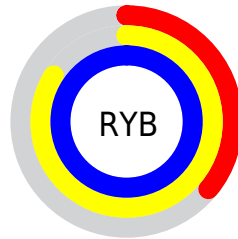
The Hex color **5BFF94** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF5BC6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **9CFFCB**, and **00C560** is the 20% darker color. If you saturate the color by 10%, you get **42FF83**, and if you desaturate by 10%, it is **75FFA5**.

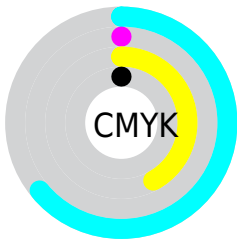
# Distribution



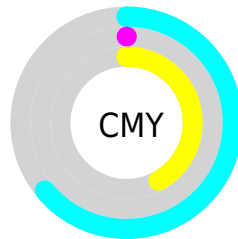
- Red (36%)
- Green (100%)
- Blue (58%)



- Red (36%)
- Yellow (84%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BFF94 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 5BFF94 by changing the saturation by 10% instead.



 5BFF94

 5BFF94

FFFFFF

 34E279

 9CFFCB

 00C560

 BBFFE8

 00A946

 DAFFFF

 008D2E

 F9FFFF

 007313

 005900

 003F00

 002700

 000000

 5BFF94

 5BFF94

 42FF83

 75FFA5

 28FF73

 8EFFB5

 0FFF62

 A8FFC6

 00FF59

 C1FFD7

 DBFFE7

 F4FFF8

FFFFFF

# Harmonies

## Analogous

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



C2F25A



5BFF94



00FFDD

# Triad

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



5BFF94



00EBFF



FFA89F

# Complementary

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



5BFF94



FF5BC6

# 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.



FFA0E7



5BFF94



E0CFFF

# Square

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



5BFF94



00FCFF



FFB1FF



FFC264

# Rectangle

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



5BFF94



00FFFF



FFB1FF



FFA2B6

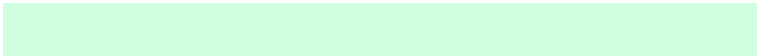


# Sweetspot

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



5BFF94



CFFFDf



C8FF5B



62806C



000000



808080



# Same Dimension

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



5BFF94



3BFF7F



5BFFE4



738077



00BF42



004016



# Inverse Universe

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



FF5BC6



FF3BBB



FF5B76



80737B



BF007D

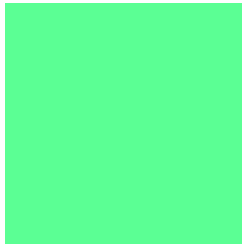


40002A



# Previews

## White Background



This preview shows how the Hex color 5BFF94 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 5BFF94 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

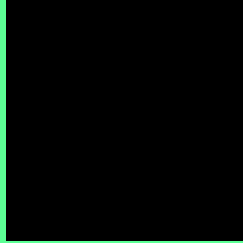
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BFF94 Background



This preview shows how black text looks on a background with the Hex color 5BFF94.

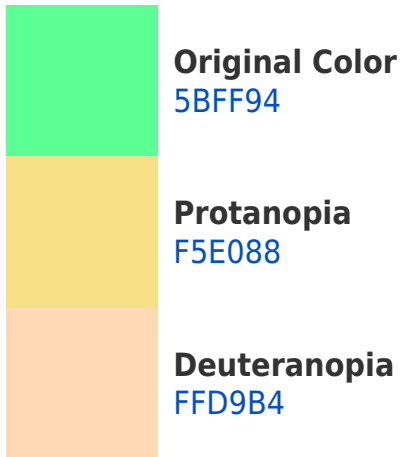


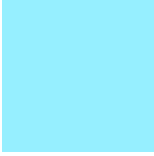
This preview shows how white text looks on a background with the Hex color 5BFF94.

# 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**  
96EFFF

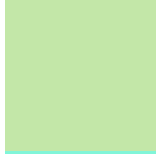
# Trichromacy



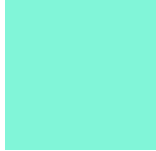
**Original Color**  
5BFF94



**Protanomaly**  
BDEB8C

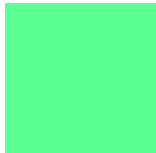


**Deuteranomaly**  
C3E7A8

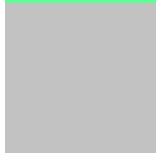


**Tritanomaly**  
81F5D8

# Monochromacy



**Original Color**  
5BFF94



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
9DD8B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BFF94 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 #5BFF94 looks like.

```
.text, #text, p{  
    color:#5BFF94  
}
```

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 #5BFF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BFF94
}
```

## Border

The CSS property to change the border of an element to Hex 5BFF94 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
#5BFF94 }
```

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

```
.border{ border-color:#5BFF94 }
```

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

Here you see how a box with a 4 pixel #5BFF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BFF94; -webkit-box-shadow:4px 4px  
4px 4px #5BFF94; box-shadow:4px 4px 4px  
4px #5BFF94 }
```

# Background

The CSS property to change the background color of an element to Hex 5BFF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BFF94 }
```

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

```
.background{ background-color:#5BFF94 }
```

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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