

# Converting Colors

Hex(5DFF9B)

Have a look what the booklet for  
Hex(5DFF9B) contains.

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# Color

Hex(5DFF9B)

# Conversions

## Conversions Part 1

Format	Color
Hex	5DFF9B
RGB	93, 255, 155
RGB Percent	36%, 100%, 61%
CMY	0.6353, 0.0000, 0.3922
CMYK	0.64, 0.00, 0.39, 0.00
HSL	143°, 100%, 68%
HSV	143°, 64%, 100%
XYZ	46.1906, 76.2137, 43.2866
YIQ	195.1620, -64.4520, -65.4440

# Conversions

## Conversions Part 2

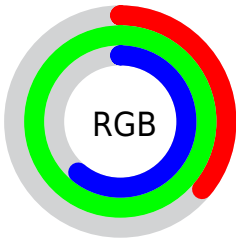
Format	Color
<b>RYB</b>	93, 210, 255
Decimal	6160283
CIELab	89.96, -63.61, 35.63
CIELCh	90, 72.910, 150.748
Yxy	76.2137, 0.2788, 0.4600
Android (android.graphics.Color)	4284350363 (0xFF5DFF9B)
YUV	195.1620, -19.7999, -89.5961
Hunter-Lab	87.3005, -58.3316, 31.7123

# Details

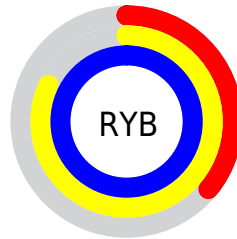
The Hex color **5DFF9B** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF5DC1**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9DFFD2**, and **00C567** is the 20% darker color. If you saturate the color by 10%, you get **43FF8B**, and if you desaturate by 10%, it is **77FFAB**.

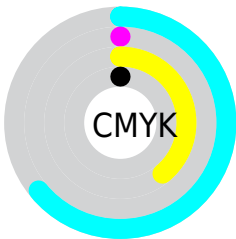
# Distribution



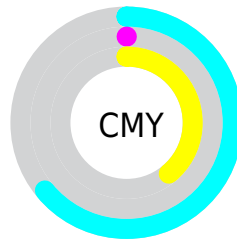
- Red (36%)
- Green (100%)
- Blue (61%)



- Red (36%)
- Yellow (82%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DFF9B 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 5DFF9B by changing the saturation by 10% instead.



 5DFF9B

 5DFF9B

FFFFFF

 37E280

 9DFFD2

 00C567

 BCFFEF

 00A94D

 DBFFFF

 008D35

 FAFFFF

 00731C

 005901

 004000

 002800

 000000

 5DFF9B

 5DFF9B

 43FF8B

 77FFAB

 2AFF7C

 90FFBA

 10FF6C

 AAFFCA

 00FF62

 C3FFDA

 DDFFEA

 F6FFF9

FFFFFF

# Harmonies

## Analogous

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



C0F363



5DFF9B



00FE2

# Triad

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



5DFF9B



44E9FF



FFAC9F

# Complementary

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



5DFF9B



FF5DC1

# 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.



FFA4E3



5DFF9B



E7CFFF

# Square

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



5DFF9B



00BFF



FFB3FF



FFC568

# Rectangle

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



5DFF9B



00FFFF



FFB3FF



FFA7B5

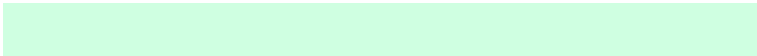


# Sweetspot

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



5DFF9B



CFFE1



C4FF5D



62806D



000000



808080



# Same Dimension

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



5DFF9B



3DFF87



5DFFE9



738078



00BF49



004018



# Inverse Universe

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



FF5DC1



FF3DB5



FF5D73



80737B



BF0076

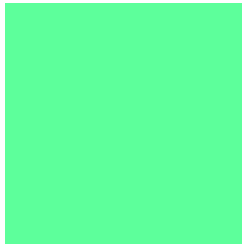


400027



# Previews

## White Background



This preview shows how the Hex color 5DFF9B 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 5DFF9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

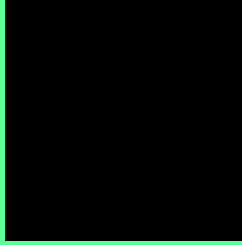
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

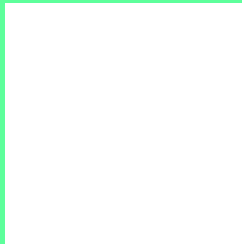
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5DFF9B Background



This preview shows how black text looks on a background with the Hex color 5DFF9B.

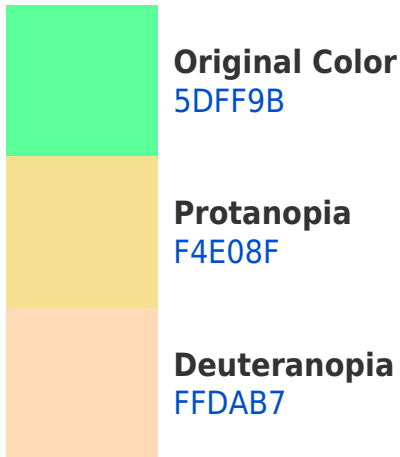


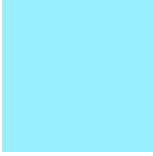
This preview shows how white text looks on a background with the Hex color 5DFF9B.

# 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**  
98EFFF

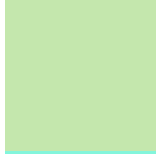
# Trichromacy



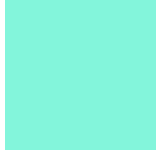
**Original Color**  
5DFF9B



**Protanomaly**  
BDEB93

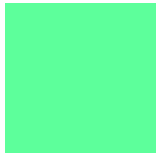


**Deuteranomaly**  
C4E7AD

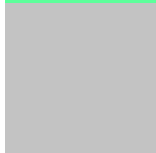


**Tritanomaly**  
83F5DB

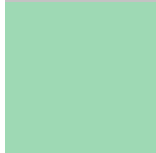
# Monochromacy



**Original Color**  
5DFF9B



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
9ED9B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DFF9B 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 #5DFF9B looks like.

```
.text, #text, p{  
    color:#5DFF9B  
}
```

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 #5DFF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFF9B
}
```

## Border

The CSS property to change the border of an element to Hex 5DFF9B 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
#5DFF9B }
```

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

```
.border{ border-color:#5DFF9B }
```

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

Here you see how a box with a 4 pixel #5DFF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFF9B; -webkit-box-shadow:4px 4px  
4px 4px #5DFF9B; box-shadow:4px 4px 4px  
4px #5DFF9B }
```

# Background

The CSS property to change the background color of an element to Hex 5DFF9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFF9B }
```

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

```
.background{ background-color:#5DFF9B }
```

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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