

# Converting Colors

Hex(5DFB8A)

Have a look what the booklet for  
Hex(5DFB8A) contains.

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# Color

**Hex(5DFB8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DFB8A
RGB	93, 251, 138
RGB Percent	36%, 98%, 54%
CMY	0.6353, 0.0157, 0.4588
CMYK	0.63, 0.00, 0.45, 0.02
HSL	137°, 95%, 67%
HSV	137°, 63%, 98%
XYZ	43.5988, 73.1565, 35.8675
YIQ	190.8760, -57.8950, -68.6390

# Conversions

## Conversions Part 2

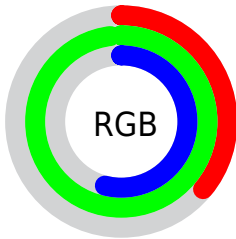
Format	Color
<a href="#">RYB</a>	<a href="#">93, 216, 251</a>
Decimal	<a href="#">6159242</a>
CIELab	<a href="#">88.52, -64.92, 42.08</a>
CIELCh	<a href="#">89, 77.365, 147.045</a>
Yxy	<a href="#">73.1565, 0.2857, 0.4793</a>
Android (android.graphics.Color)	<a href="#">4284349322</a> ( <a href="#">0xFF5DFB8A</a> )
YUV	<a href="#">190.8760, -26.0679, -85.8373</a>
Hunter-Lab	<a href="#">85.5316, -58.6917, 35.0090</a>

# Details

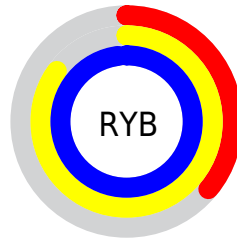
The Hex color **5DFB8A** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FB5DCE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9DFFC1**, and **00C156** is the 20% darker color. If you saturate the color by 10%, you get **44FB78**, and if you desaturate by 10%, it is **76FB9C**.

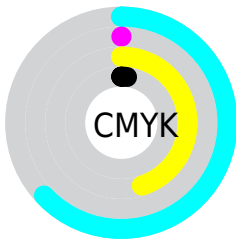
# Distribution



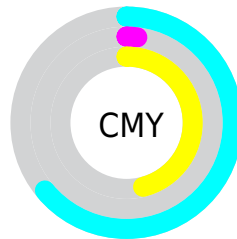
- Red (36%)
- Green (98%)
- Blue (54%)



- Red (36%)
- Yellow (85%)
- Blue (98%)



- Cyan (63%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DFB8A 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 5DFB8A by changing the saturation by 10% instead.



 5DFB8A

 5DFB8A

FFFFFF

 37DE70

 9DFFC1

 00C156

 BCFFDD

 00A53C

 DBFFFA

 008A23

 FAFFFF

 006F03

 005500

 003C00

 002400

 000000

 5DFB8A

 5DFB8A

 44FB78

 76FB9C

 2BFB66

 8FFBAE

 12FB54

 A8FBC0

 00FB47

 C1FBD2

 DAFBE4

 F4FBF6

 FFFBFF

# Harmonies

## Analogous

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



C3EE50



5DFB8A



00FFD4

# Triad

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



5DFB8A



00E9FF



FFA19F

# Complementary

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



5DFB8A



FB5DCE

# 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.



FF9AE9



5DFB8A



D3CEFF

# Square

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



5DFB8A



00FAFF



FFAEFF



FFBC62

# Rectangle

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



5DFB8A



00FFFF



FFAEFF



FF9CB7

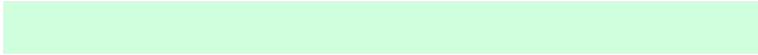


# Sweetspot

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



5DFB8A



CFFFDC



CEFB5D



62806B



000000



808080



# Same Dimension

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



5DFB8A



3DFF74



5DFBD9



707D74



00BD36



003D11



# Inverse Universe

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



FB5DCE



FF3DC8



FB5D7F



7D7079



BD0087

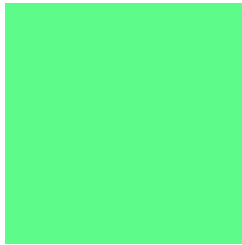


3D002C



# Previews

## White Background



This preview shows how the Hex color 5DFB8A 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 5DFB8A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

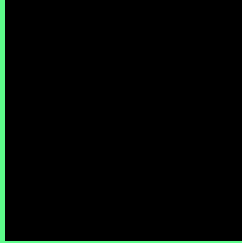
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

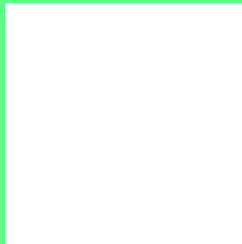
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5DFB8A Background



This preview shows how black text looks on a background with the Hex color 5DFB8A.

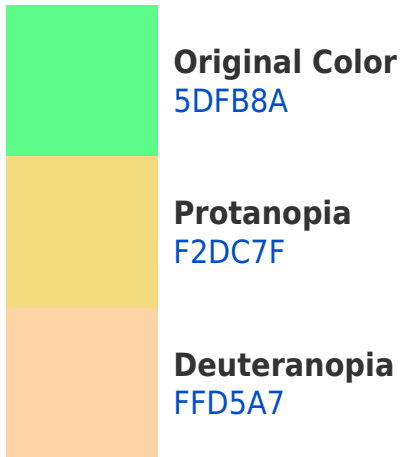


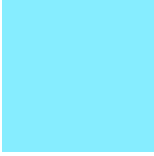
This preview shows how white text looks on a background with the Hex color 5DFB8A.

# 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**  
86EDFF

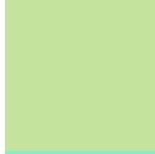
# Trichromacy



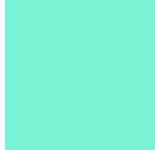
**Original Color**  
5DFB8A



**Protanomaly**  
BCE783



**Deuteranomaly**  
C4E39C

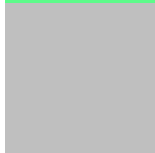


**Tritanomaly**  
77F2D4

# Monochromacy



**Original Color**  
5DFB8A



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9BD5AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DFB8A 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 #5DFB8A looks like.

```
.text, #text, p{  
    color:#5DFB8A  
}
```

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 #5DFB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFB8A
}
```

## Border

The CSS property to change the border of an element to Hex 5DFB8A 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
#5DFB8A }
```

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

```
.border{ border-color:#5DFB8A }
```

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

Here you see how a box with a 4 pixel #5DFB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFB8A; -webkit-box-shadow:4px 4px  
4px 4px #5DFB8A; box-shadow:4px 4px 4px  
4px #5DFB8A }
```

# Background

The CSS property to change the background color of an element to Hex 5DFB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFB8A }
```

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

```
.background{ background-color:#5DFB8A }
```

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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