

Converting Colors

Hex(5DFA8A)

Have a look what the booklet for
Hex(5DFA8A) contains.

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Color

Hex(5DFA8A)

Conversions

Conversions Part 1

Format	Color
Hex	5DFA8A
RGB	93, 250, 138
RGB Percent	36%, 98%, 54%
CMY	0.6353, 0.0196, 0.4588
CMYK	0.63, 0.00, 0.45, 0.02
HSL	137°, 94%, 67%
HSV	137°, 63%, 98%
XYZ	43.2873, 72.5333, 35.7636
YIQ	190.2890, -57.6200, -68.1160

Conversions

Conversions Part 2

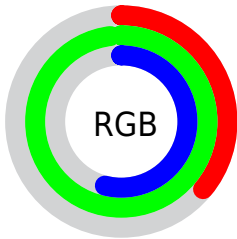
Format	Color
RYB	93, 215, 250
Decimal	6158986
CIELab	88.22, -64.55, 41.70
CIELCh	88, 76.854, 147.136
Yxy	72.5333, 0.2856, 0.4785
Android (android.graphics.Color)	4284349066 (0xFF5DFA8A)
YUV	190.2890, -25.7785, -85.3225
Hunter-Lab	85.1665, -58.3159, 34.7192

Details

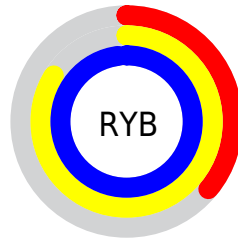
The Hex color **5DFA8A** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FA5DCD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9DFFC1**, and **00C056** is the 20% darker color. If you saturate the color by 10%, you get **44FA78**, and if you desaturate by 10%, it is **76FA9C**.

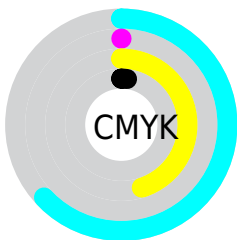
Distribution



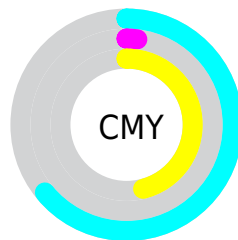
- Red (36%)
- Green (98%)
- Blue (54%)



- Red (36%)
- Yellow (84%)
- 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 5DFA8A 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 5DFA8A by changing the saturation by 10% instead.

 5DFA8A

 5DFA8A

FFFFFF

 37DD70

 9DFFC1

 00C056

 BCFFDD

 00A43D

 DAFFFA

 008923

 F9FFFF

 006E04

 005400

 003C00

 002300

 000000

 5DFA8A

 5DFA8A

 44FA78

 76FA9C

 2BFA66

 8FFAAE

 12FA54

 A8FAC0

 00FA48

 C1FAD1

 DAFAE3

 F3FAF5

 FFFAFF

Harmonies

Analogous

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



C2ED50



5DFA8A



00FFD4

Triad

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



5DFA8A



00E8FF



FFA19F

Complementary

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



5DFA8A



FA5DCD

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.



FF9AE8



5DFA8A



D2CDFF

Square

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



5DFA8A



00F9FF



FFAEFF



FFBB62

Rectangle

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



5DFA8A



00FFFF



FFAEFF



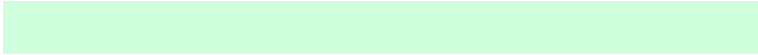
FF9CB6

Sweetspot

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



5DFA8A



CFFFDC



CEFA5D



62806B



000000



808080

Same Dimension

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



5DFA8A



40FF77



5DFAD8



707D74



00BD36



003D12

Inverse Universe

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



FA5DCD



FF40C8



FA5D7F



7D7079



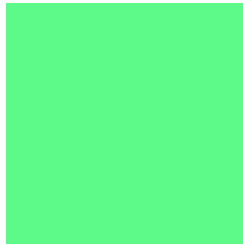
BD0087



3D002C

Previews

White Background



This preview shows how the Hex color 5DFA8A looks on a white background.

Color Contrast Check

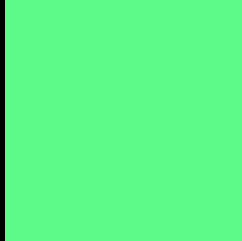
Large Text (above 18pt) WCAG AA × Fail

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 5DFA8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

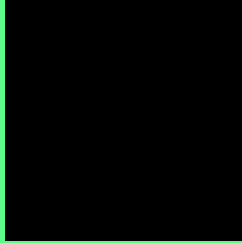
Any Text WCAG AA ✓ Pass

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 5DFA8A Background



This preview shows how black text looks on a background with the Hex color 5DFA8A.

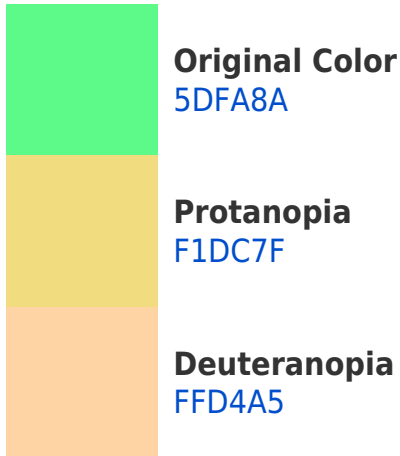


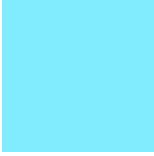
This preview shows how white text looks on a background with the Hex color 5DFA8A.

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](#).

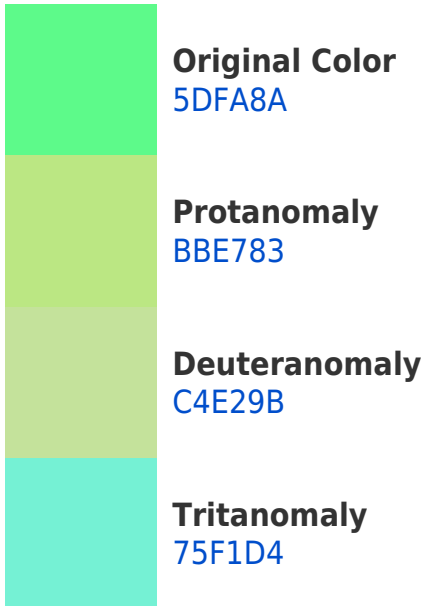
Dichromacy



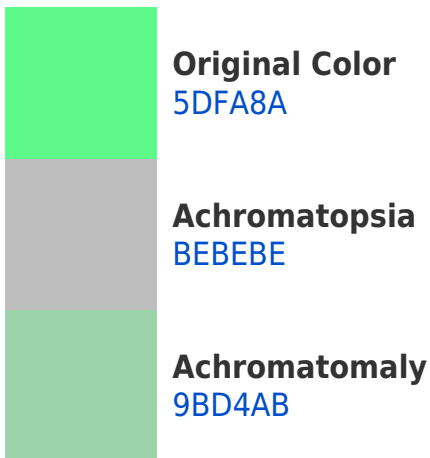


Tritanopia
82ECFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DFA8A 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 #5DFA8A looks like.

```
.text, #text, p{  
    color:#5DFA8A  
}
```

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 #5DFA8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFA8A
}
```

Border

The CSS property to change the border of an element to Hex 5DFA8A 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
#5DFA8A }
```

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

```
.border{ border-color:#5DFA8A }
```

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

Here you see how a box with a 4 pixel #5DFA8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFA8A; -webkit-box-shadow:4px 4px  
4px 4px #5DFA8A; box-shadow:4px 4px 4px  
4px #5DFA8A }
```

Background

The CSS property to change the background color of an element to Hex 5DFA8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFA8A }
```

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

```
.background{ background-color:#5DFA8A }
```

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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