

# Converting Colors

Hex(5DFFAE)

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

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# Color

Hex(5DFFAE)

# Conversions

## Conversions Part 1

Format	Color
Hex	5DFFAE
RGB	93, 255, 174
RGB Percent	36%, 100%, 68%
CMY	0.6353, 0.0000, 0.3176
CMYK	0.64, 0.00, 0.32, 0.00
HSL	150°, 100%, 68%
HSV	150°, 64%, 100%
XYZ	47.9142, 76.9031, 52.3629
YIQ	197.3280, -70.5510, -59.5350

# Conversions

## Conversions Part 2

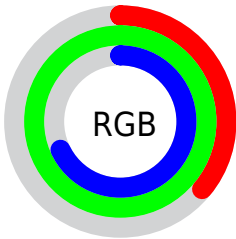
Format	Color
<a href="#">RYB</a>	<a href="#">93, 201, 255</a>
Decimal	<a href="#">6160302</a>
CIELab	<a href="#">90.28, -60.16, 26.54</a>
CIElCh	<a href="#">90, 65.751, 156.191</a>
Yxy	<a href="#">76.9031, 0.2704, 0.4340</a>
Android (android.graphics.Color)	<a href="#">4284350382 (0xFF5DFFAE)</a>
YUV	<a href="#">197.3280, -11.5007, -91.4957</a>
Hunter-Lab	<a href="#">87.6944, -55.9371, 25.9837</a>

# Details

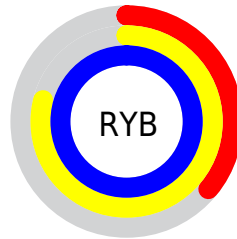
The Hex color **5DFFAE** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF5DAE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **9DFFE6**, and **00C579** is the 20% darker color. If you saturate the color by 10%, you get **43FFA1**, and if you desaturate by 10%, it is **77FFBB**.

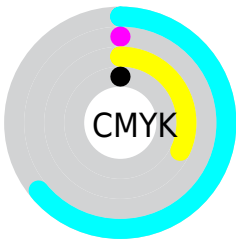
# Distribution



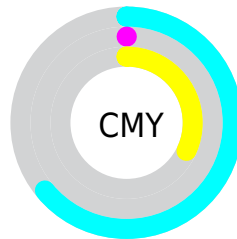
- Red (36%)
- Green (100%)
- Blue (68%)



- Red (36%)
- Yellow (79%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 5DFFAE

FFFFFF

 9DFFE6

 BCFFFF

 DBFFFF

 FAFFFF

 5DFFAE

 37E293

 00C579

 00A960

 008E48

 007330

 005919

 004001

 002900

 000200

 5DFFAE

 5DFFAE

 43FFA1

 77FFBB

 2AFF94

 90FFC8

 10FF88

 AAFFD4

 00FF80

 C3FFE1

 DDFFEE

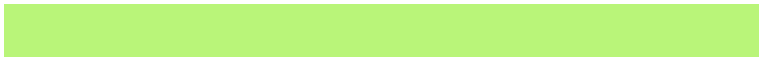
 F6FFFB

FFFFFF

# Harmonies

## Analogous

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



B9F579



5DFFAE



00FFEF

# Triad

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



5DFFAE



8AE6FF



FFB79C

# Complementary

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



5DFFAE



FF5DAE

# 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.



FFADD8



5DFFAE



F9CDFF

# Square

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



5DFFAE



00F7FF



FFB6FF



FFCE6F

# Rectangle

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



5DFFAE



00FFFF



FFB6FF



FFB2AF

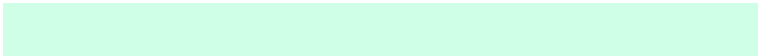


# Sweetspot

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



5DFFAE



CFFFE7



AEFF5D



628071



000000



808080



# Same Dimension

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



5DFFAE



3DFF9E



5DFFFF



738079



00BF60



004020



# Inverse Universe

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



FF5DAE



FF3D9E



FF5D5D



807379



BF0060

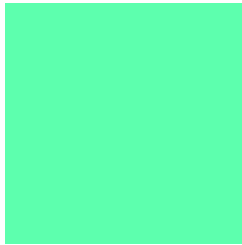


400020



# Previews

## White Background



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

## Color Contrast Check

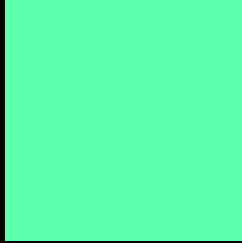
Large Text (above 18pt) WCAG AA × Fail

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 5DFFAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

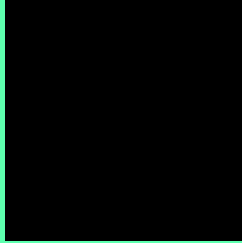
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

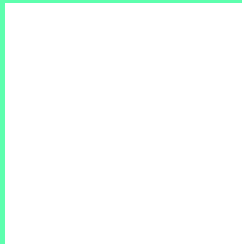
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5DFFAE Background



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

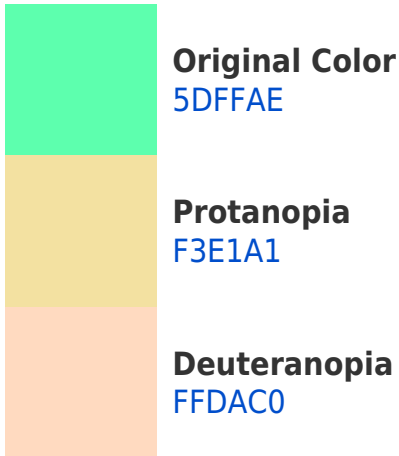


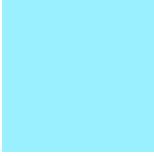
This preview shows how white text looks on a background with the Hex color 5DFFAE.

# 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](#).

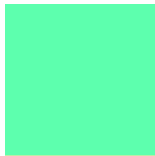
## Dichromacy





**Tritanopia**  
9BF0FF

# Trichromacy



**Original Color**  
5DFFAE



**Protanomaly**  
BCECA6



**Deuteranomaly**  
C4E7B9

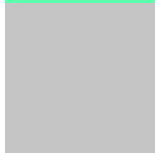


**Tritanomaly**  
84F5E2

# Monochromacy



**Original Color**  
5DFFAE



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
9FDABD

# CSS Examples

## Text

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

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

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 #5DFFAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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