

# Converting Colors

Hex(5FEDAB)

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

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# Color

**Hex(5FEDAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FEDAB
RGB	95, 237, 171
RGB Percent	37%, 93%, 67%
CMY	0.6275, 0.0706, 0.3294
CMYK	0.60, 0.00, 0.28, 0.07
HSL	152°, 80%, 65%
HSV	152°, 60%, 93%
XYZ	42.3542, 65.9415, 49.0238
YIQ	187.0180, -63.4460, -50.6300

# Conversions

## Conversions Part 2

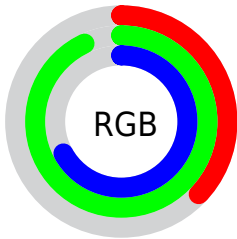
Format	Color
<a href="#">RYB</a>	<a href="#">95, 187, 237</a>
Decimal	<a href="#">6286763</a>
CIELab	<a href="#">84.97, -53.30, 20.79</a>
CIElCh	<a href="#">85, 57.207, 158.689</a>
Yxy	<a href="#">65.9415, 0.2692, 0.4192</a>
Android (android.graphics.Color)	<a href="#">4284476843</a> ( <a href="#">0xFF5FEDAB</a> )
YUV	<a href="#">187.0180, -7.8969, -80.6998</a>
Hunter-Lab	<a href="#">81.2044, -49.0066, 21.0492</a>

# Details

The Hex color **5FEDAB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **ED5FA1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9DFFE3**, and **02B477** is the 20% darker color. If you saturate the color by 10%, you get **47EDA0**, and if you desaturate by 10%, it is **77EDB6**.

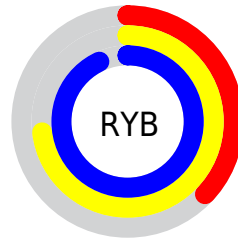
# Distribution



Red (37%)

Green (93%)

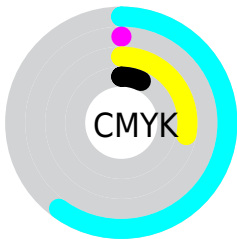
Blue (67%)



Red (37%)

Yellow (73%)

Blue (93%)

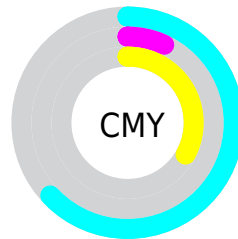


Cyan (60%)

Magenta (0%)

Yellow (28%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (33%)

# Brightness & Saturation Gradients

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



 5FEDAB

FFFFFF

 9DFFE3

 BBFFFF

 D9FFFF

 F7FFFF

 5FEDAB

 3DD090

 02B477

 00995E

 007E46

 00642F

 004B19

 003300

 001A00

 000000

 5FEDAB

 5FEDAB

 47EDA0

 77EDB6

 30ED95

 8EEDC1

 18ED8A

 A6EDCC

 00ED7F

 BEEDD7

 D5EDE2

 EDEDED

 FFEDF8

 FFEDFF

# Harmonies

## Analogous

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



ABE47D



5FEDAB



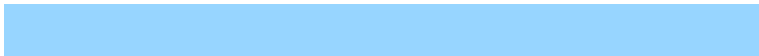
00F0E3

# Triad

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



5FEDAB



97D5FF



FFB193

# Complementary

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



5FEDAB



ED5FA1

# 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.



FFA7C6



5FEDAB



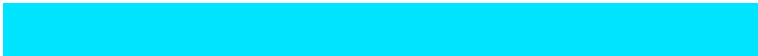
EDC0FF

# Square

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



5FEDAB



00E4FF



FFADFD



FFC36F

# Rectangle

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



5FEDAB



00EFFF



FFADFD



FFACA3

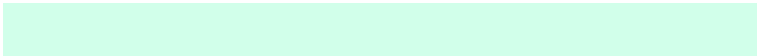


# Sweetspot

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



5FEDAB



D1FFEA



A1ED5F



638072



000000



808080



# Same Dimension

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



5FEDAB



47FFAA



5FE8ED



6A7570



00B561



00361D



# Inverse Universe

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



ED5FA1



FF479D



ED645F



756A6F



B50054

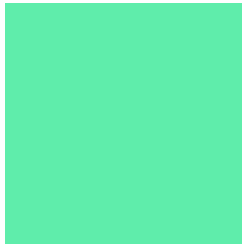


360019



# Previews

## White Background



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

## Color Contrast Check

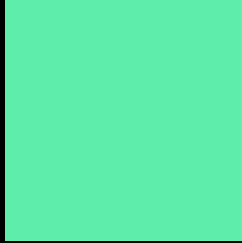
Large Text (above 18pt) WCAG AA × Fail

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 5FEDAB 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 5FEDAB Background



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

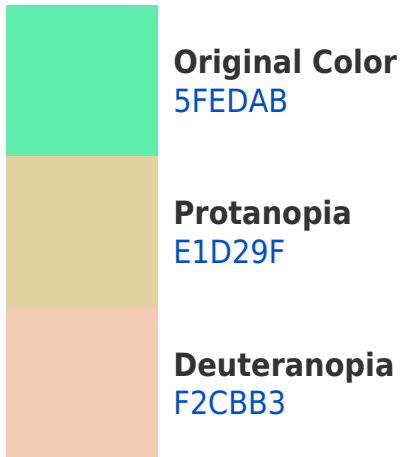


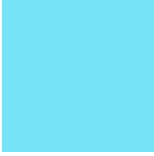
This preview shows how white text looks on a background with the Hex color 5FEDAB.

# 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**  
77E3F6

# Trichromacy



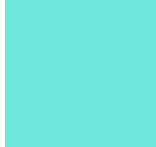
**Original Color**  
5FEDAB



**Protanomaly**  
B2DCA3



**Deuteranomaly**  
BDD7B0



**Tritanomaly**  
6EE7DB

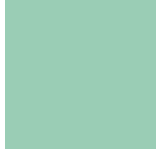
# Monochromacy



**Original Color**  
5FEDAB



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
9ACDB5

# CSS Examples

## Text

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

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

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 #5FEDAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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