

# Converting Colors

Hex(5FFA76)

Have a look what the booklet for  
Hex(5FFA76) contains.

<b>Hex(5FFA76)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5FFA76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FFA76
RGB	95, 250, 118
RGB Percent	37%, 98%, 46%
CMY	0.6275, 0.0196, 0.5373
CMYK	0.62, 0.00, 0.53, 0.02
HSL	129°, 94%, 68%
HSV	129°, 62%, 98%
XYZ	42.1749, 72.1121, 28.8357
YIQ	188.6070, -50.0080, -73.9120

# Conversions

## Conversions Part 2

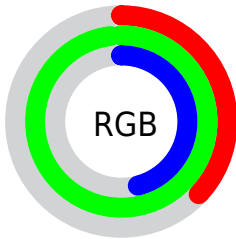
Format	Color
<a href="#">RYB</a>	<a href="#">95, 230, 250</a>
Decimal	<a href="#">6290038</a>
CIELab	<a href="#">88.02, -67.01, 50.91</a>
CIELCh	<a href="#">88, 84.155, 142.772</a>
Yxy	<a href="#">72.1121, 0.2947, 0.5038</a>
Android (android.graphics.Color)	<a href="#">4284480118</a> ( <a href="#">0xFF5FFA76</a> )
YUV	<a href="#">188.6070, -34.8093, -82.0933</a>
Hunter-Lab	<a href="#">84.9189, -59.9560, 39.3102</a>

# Details

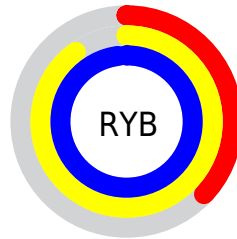
The Hex color **5FFA76** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **FA5FE3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9FFFAD**, and **00C041** is the 20% darker color. If you saturate the color by 10%, you get **46FA61**, and if you desaturate by 10%, it is **78FA8B**.

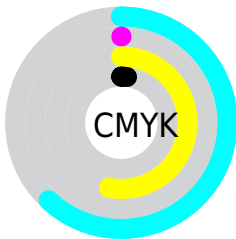
# Distribution



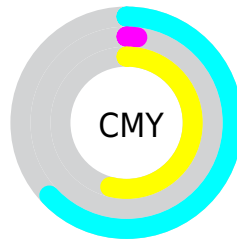
- Red (37%)
- Green (98%)
- Blue (46%)



- Red (37%)
- Yellow (90%)
- Blue (98%)



- Cyan (62%)
- Magenta (0%)
- Yellow (53%)
- Black (2%)



- Cyan (63%)
- Magenta (2%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FFA76 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 5FFA76 by changing the saturation by 10% instead.



 5FFA76

 5FFA76

FFFFFF

 3ADD5B

 9FFFAD

 00C041

 BEFFC9

 00A425

 DDFFE6

 008900

 FCFFFF

 006E00

 005400

 003C00

 002300

 000000


 5FFA76

 5FFA76

 46FA61

 78FA8B

 2DFA4B

 91FAA1

 14FA36

 AAFAB6

 00FA25

 C3FACB

 DCFAE0

 F5FAF6

 FFFAFF

# Harmonies

## Analogous

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



CAEB34



5FFA76



00FFC6

# Triad

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



5FFA76



00ECFF



FF95A4

# Complementary

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



5FFA76



FA5FE3

# 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.



FF91F4



5FFA76



B8D0FF

# Square

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



5FFA76



00FCFF



FFACFF



FFB25D

# Rectangle

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



5FFA76



00FFFE



FFACFF



FF8FBE

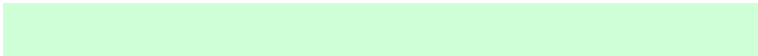


# Sweetspot

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



5FFA76



CFFFD6



E5FA5F



628067



000000



808080



# Same Dimension

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



5FFA76



42FF5E



5FFAC1



707D72



00BD1C



003D09



# Inverse Universe

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



FA5FE3



FF42E3



FA5F98



7D707B



BD00A1

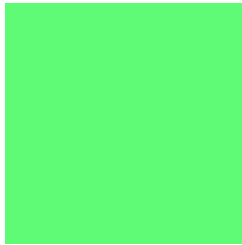


3D0034



# Previews

## White Background



This preview shows how the Hex color 5FFA76 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 5FFA76 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 5FFA76 Background



This preview shows how black text looks on a background with the Hex color 5FFA76.

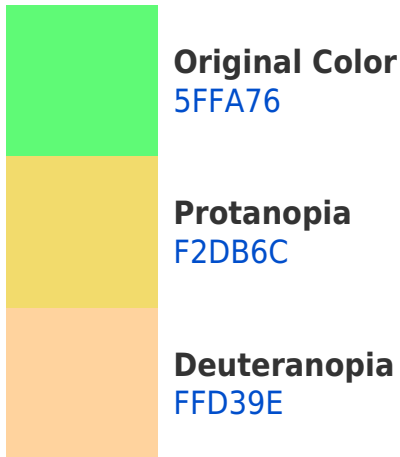


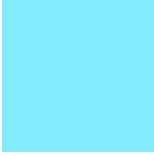
This preview shows how white text looks on a background with the Hex color 5FFA76.

# 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](#).

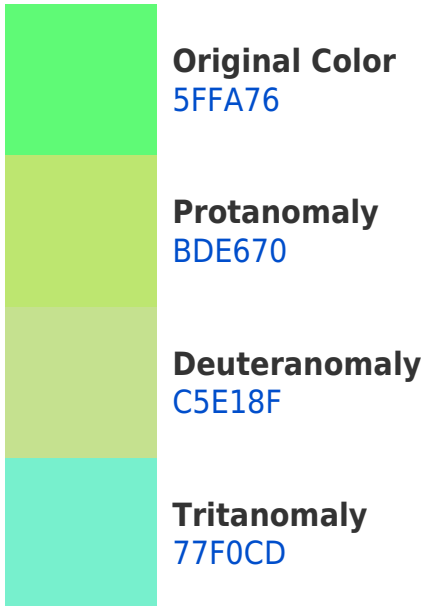
## Dichromacy



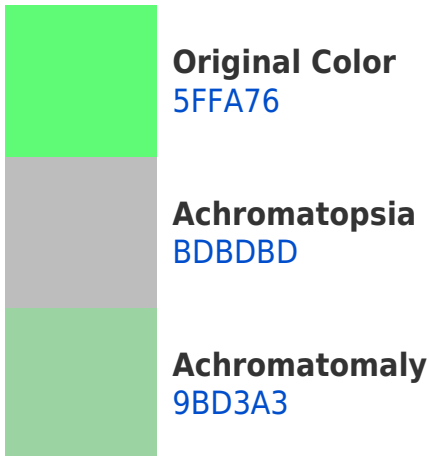


**Tritanopia**  
84EBFE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FFA76 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 #5FFA76 looks like.

```
.text, #text, p{  
    color:#5FFA76  
}
```

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 #5FFA76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFA76  
}
```

## Border

The CSS property to change the border of an element to Hex 5FFA76 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  
#5FFA76 }
```

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

```
.border{ border-color:#5FFA76 }
```

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

Here you see how a box with a 4 pixel #5FFA76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFA76; -webkit-box-shadow:4px 4px  
4px 4px #5FFA76; box-shadow:4px 4px 4px  
4px #5FFA76 }
```

# Background

The CSS property to change the background color of an element to Hex 5FFA76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFA76 }
```

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

```
.background{ background-color:#5FFA76 }
```

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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