

Converting Colors

Hex(7AFB50)

Have a look what the booklet for
Hex(7AFB50) contains.

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Color

Hex(7AFB50)

Conversions

Conversions Part 1

Format	Color
Hex	7AFB50
RGB	122, 251, 80
RGB Percent	48%, 98%, 31%
CMY	0.5216, 0.0157, 0.6863
CMYK	0.51, 0.00, 0.68, 0.02
HSL	105°, 96%, 65%
HSV	105°, 68%, 98%
XYZ	43.9712, 73.7111, 19.4996
YIQ	192.9350, -21.9930, -80.5290

Conversions

Conversions Part 2

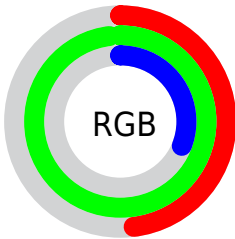
Format	Color
RYB	80, 251, 209
Decimal	8059728
CIELab	88.79, -64.96, 67.93
CIELCh	89, 93.991, 133.718
Yxy	73.7111, 0.3205, 0.5373
Android (android.graphics.Color)	4286249808 (0xFF7AFB50)
YUV	192.9350, -55.6770, -62.2100
Hunter-Lab	85.8552, -58.8268, 46.6326

Details

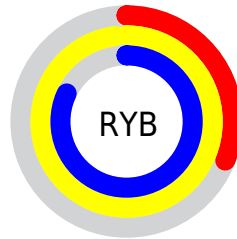
The Hex color **7AFB50** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **D150FB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B7FF89**, and **35C103** is the 20% darker color. If you saturate the color by 10%, you get **67FB37**, and if you desaturate by 10%, it is **8DFB69**.

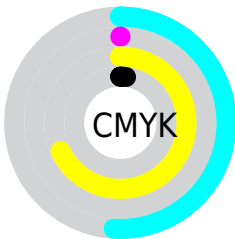
Distribution



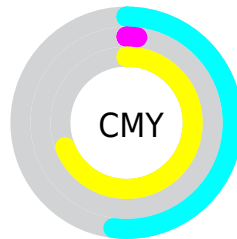
- Red (48%)
- Green (98%)
- Blue (31%)



- Red (31%)
- Yellow (98%)
- Blue (82%)



- Cyan (51%)
- Magenta (0%)
- Yellow (68%)
- Black (2%)



- Cyan (52%)
- Magenta (2%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AFB50 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 7AFB50 by changing the saturation by 10% instead.

 7AFB50

 7AFB50

FFFFFF

 5ADE31

 B7FF89

 35C103

 D6FFA5

 00A500

 F5FFC2

 008A00

 FFFFDF

 007000

FFFFFFD

 005600

 003D00

 002500

 000000

 7AFB50

 7AFB50

 67FB37

 8DFB69

 54FB1E

 A0FB82

 41FB05

 B3FB9B

 3EFB00

 C6FBB4

 D9FBCD

 ECFBE7

 FFFBFF

Harmonies

Analogous

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



E3E800



7AFB50



00FFA9

Triad

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



7AFB50



00F7FF



FF83BA

Complementary

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



7AFB50



D150FB

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.



FF8CFF



7AFB50



63DBFF

Square

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



7AFB50



00FFFF



FFB4FF



FFA166

Rectangle

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



7AFB50



00FFE8



FFB4FF



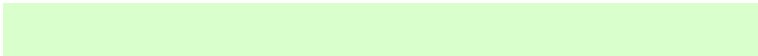
FF80D8

Sweetspot

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



7AFB50



D9FFCC



FBD050



688061



000000



808080

Same Dimension

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



7AFB50



61FF2E



50FB7B



747D70



2EBD00



0F3D00

Inverse Universe

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



D150FB



CC2EFF



FB50D0



7A707D



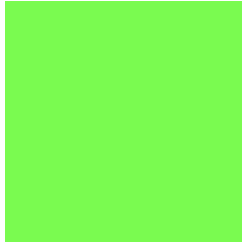
8E00BD



2E003D

Previews

White Background



This preview shows how the Hex color 7AFB50 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 7AFB50 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

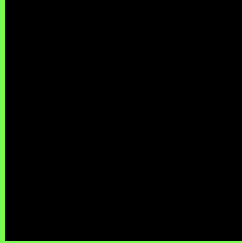
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

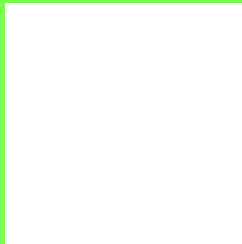
Any Text WCAG AAA ✓ Pass

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

Hex 7AFB50 Background



This preview shows how black text looks on a background with the Hex color 7AFB50.

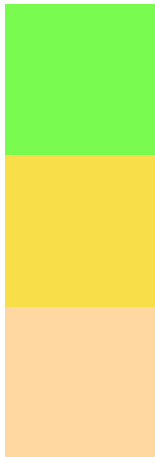


This preview shows how white text looks on a background with the Hex color 7AFB50.

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](#).

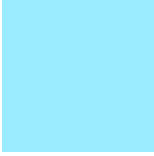
Dichromacy



Original Color
7AFB50

Protanopia
F8DE48

Deuteranopia
FFD7A0

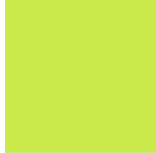


Tritanopia
9AEBFD

Trichromacy



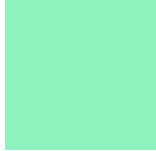
Original Color
7AFB50



Protanomaly
CAE94B

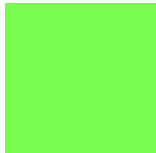


Deuteranomaly
CFE483

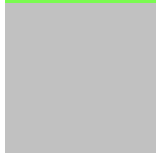


Tritanomaly
8EF1BE

Monochromacy



Original Color
7AFB50



Achromatopsia
C1C1C1



Achromatomaly
A7D698

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AFB50 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 #7AFB50 looks like.

```
.text, #text, p{  
    color:#7AFB50  
}
```

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 #7AFB50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AFB50
}
```

Border

The CSS property to change the border of an element to Hex 7AFB50 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
#7AFB50 }
```

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

```
.border{ border-color:#7AFB50 }
```

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

Here you see how a box with a 4 pixel #7AFB50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AFB50; -webkit-box-shadow:4px 4px  
4px 4px #7AFB50; box-shadow:4px 4px 4px  
4px #7AFB50 }
```

Background

The CSS property to change the background color of an element to Hex 7AFB50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AFB50 }
```

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

```
.background{ background-color:#7AFB50 }
```

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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