

# Converting Colors

Hex(7FFB42)

Have a look what the booklet for  
Hex(7FFB42) contains.

<b>Hex(7FFB42)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7FFB42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FFB42
RGB	127, 251, 66
RGB Percent	50%, 98%, 26%
CMY	0.5020, 0.0157, 0.7412
CMYK	0.49, 0.00, 0.74, 0.02
HSL	100°, 96%, 62%
HSV	100°, 74%, 98%
XYZ	44.2329, 73.8997, 17.0870
YIQ	192.8340, -14.5190, -83.8230

# Conversions

## Conversions Part 2

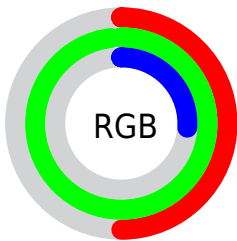
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 251, 190
Decimal	8387394
CIELab	88.88, -64.58, 72.94
CIELCh	89, 97.420, 131.519
Yxy	73.8997, 0.3271, 0.5465
Android (android.graphics.Color)	4286577474 (0xFF7FFB42)
YUV	192.8340, -62.5292, -57.7364
Hunter-Lab	85.9650, -58.5922, 48.3906

# Details

The Hex color **7FFB42** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **BE42FB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BCFF7D**, and **3CC100** is the 20% darker color. If you saturate the color by 10%, you get **6EFB29**, and if you desaturate by 10%, it is **90FB5B**.

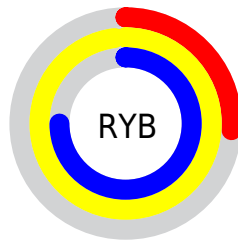
# Distribution



Red (50%)

Green (98%)

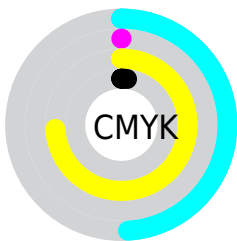
Blue (26%)



Red (26%)

Yellow (98%)

Blue (75%)

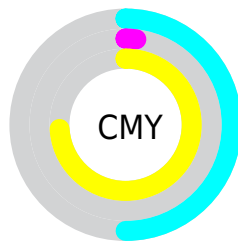


Cyan (49%)

Magenta (0%)

Yellow (74%)

Black (2%)



Cyan (50%)

Magenta (2%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FFB42 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 7FFB42 by changing the saturation by 10% instead.



 7FFB42

 7FFB42

FFFFFF

 5FDE1E

 BCFF7D

 3CC100

 DBFF9A

 00A500

 FAFFB7

 008A00

 FFFFD4

 007000

 FFFFF2

 005600

 003D00

 002500

 000000

 7FFB42

 7FFB42

 6EFB29

 90FB5B

 5DFB10

 A1FB74

 53FB00

 B1FB8D

 C2FBA6

 D3FBC0

 E4FBD9

 F5FBF2

 FFFBFF

# Harmonies

## Analogous

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



E9E600



7FFB42



00FFA0

# Triad

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



7FFB42



00F9FF



FF7CBF

# Complementary

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



7FFB42



BE42FB

# 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.



FF89FF



7FFB42



22DEFF

# Square

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



7FFB42



00FFFF



FFB5FF



FF9B67

# Rectangle

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



7FFB42



00FFE1



FFB5FF



FF7ADE

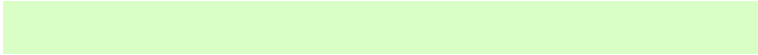


# Sweetspot

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



7FFB42



D9FFC7



FBBD42



69805E



000000



808080



# Same Dimension

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



7FFB42



69FF1F



42FB61



757D70



3EBD00



143D00



# Inverse Universe

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



BE42FB



B51FFF



FB42DC



79707D



7E00BD

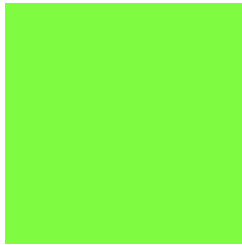


29003D



# Previews

## White Background



This preview shows how the Hex color 7FFB42 looks on a white background.

## Color Contrast Check

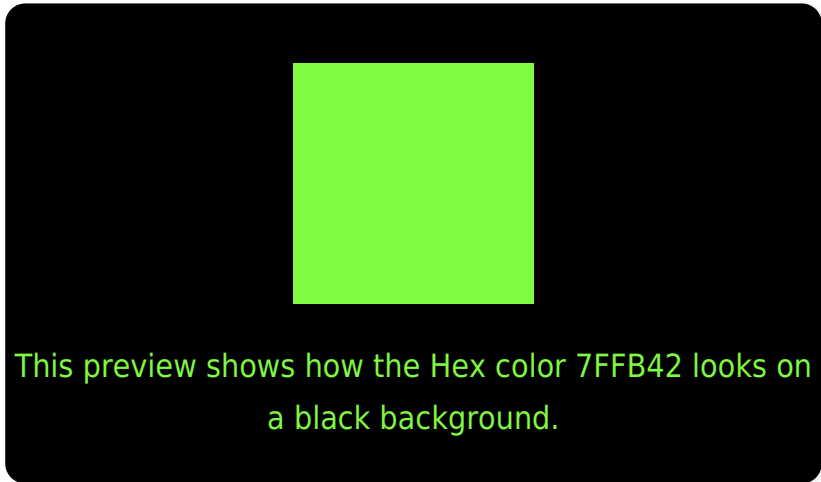
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

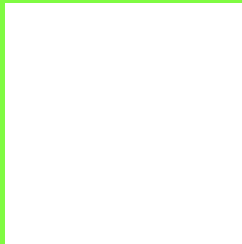
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FFB42 Background



This preview shows how black text looks on a background with the Hex color 7FFB42.

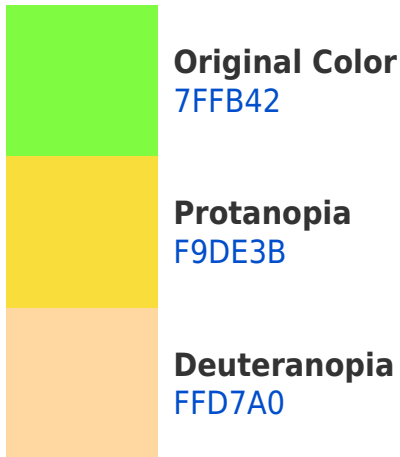


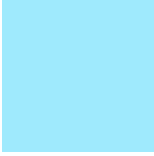
This preview shows how white text looks on a background with the Hex color 7FFB42.

# 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**  
9FEAFD

# Trichromacy



**Original Color**  
7FFB42



**Protanomaly**  
CDE93E



**Deuteranomaly**  
D0E47E

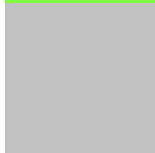


**Tritanomaly**  
93F0B9

# Monochromacy



**Original Color**  
7FFB42



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
A9D693

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FFB42 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 #7FFB42 looks like.

```
.text, #text, p{  
    color:#7FFB42  
}
```

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 #7FFB42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFB42
}
```

## Border

The CSS property to change the border of an element to Hex 7FFB42 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
#7FFB42 }
```

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

```
.border{ border-color:#7FFB42 }
```

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

Here you see how a box with a 4 pixel #7FFB42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFB42; -webkit-box-shadow:4px 4px  
4px 4px #7FFB42; box-shadow:4px 4px 4px  
4px #7FFB42 }
```

# Background

The CSS property to change the background color of an element to Hex 7FFB42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFB42 }
```

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

```
.background{ background-color:#7FFB42 }
```

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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