

# Converting Colors

Hex(7FB477)

Have a look what the booklet for  
Hex(7FB477) contains.

<b>Hex(7FB477)</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(7FB477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB477
RGB	127, 180, 119
RGB Percent	50%, 71%, 47%
CMY	0.5020, 0.2941, 0.5333
CMYK	0.29, 0.00, 0.34, 0.29
HSL	112°, 29%, 59%
HSV	112°, 34%, 71%
XYZ	28.4034, 38.4865, 23.3844
YIQ	157.1990, -12.0070, -30.2070

# Conversions

## Conversions Part 2

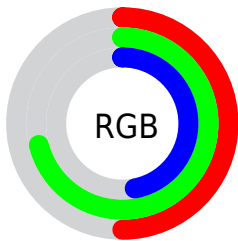
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 180, 172
Decimal	8369271
CIELab	68.38, -29.41, 25.71
CIELCh	68, 39.065, 138.847
Yxy	38.4865, 0.3146, 0.4263
Android (android.graphics.Color)	4286559351 (0xFF7FB477)
YUV	157.1990, -18.8321, -26.4845
Hunter-Lab	62.0374, -26.8405, 21.0775

# Details

The Hex color **7FB477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC77B4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B5ECAC**, and **4C7F46** is the 20% darker color. If you saturate the color by 10%, you get **6FB465**, and if you desaturate by 10%, it is **8FB489**.

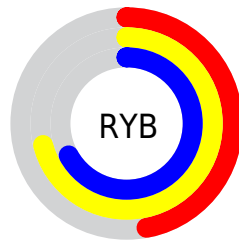
# Distribution



Red (50%)

Green (71%)

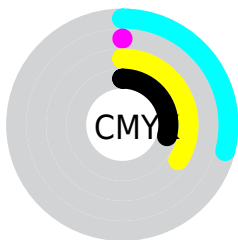
Blue (47%)



Red (47%)

Yellow (71%)

Blue (67%)

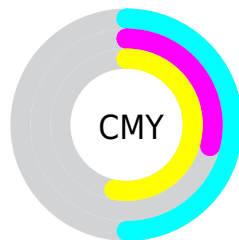


Cyan (29%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB477 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 7FB477 by changing the saturation by 10% instead.



 7FB477

 7FB477

FFFFFF

 65995E

 B5ECAC

 4C7F46

 D1FFC7

 32662F

 EEFFE3

 194D18

 003600

 002200

 000000

 7FB477

 7FB477

 6FB465

 8FB489

 60B453

 9EB49B

 50B441

 AEB4AD

 40B42F

 BEB4BF

 31B41D

 CDB4D1

 21B40B

 DDB4E3

 18B400

 ECB4F5

 FCB4FF

 FFB4FF

# Harmonies

## Analogous

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



A7AC63



7FB477



4FB998

# Triad

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



7FB477



59AEEB



EB8C92

# Complementary

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



7FB477



AC77B4

# 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.



E38CB5



7FB477



97A2E9

# Square

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



7FB477



00B6DB



C695D5



E29473

# Rectangle

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



7FB477



26BAB0



C695D5



EB8B9D



# Sweetspot

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



7FB477



D6EBD3



B4AC77



697567



F5F5F5



757575



# Same Dimension

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



7FB477



97EB8A



77B48D



515950



149900



031A00



# Inverse Universe

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



AC77B4



DE8AEB



B4779E



585059



850099



16001A



# Previews

## White Background



This preview shows how the Hex color 7FB477 looks on a white background.

## Color Contrast Check

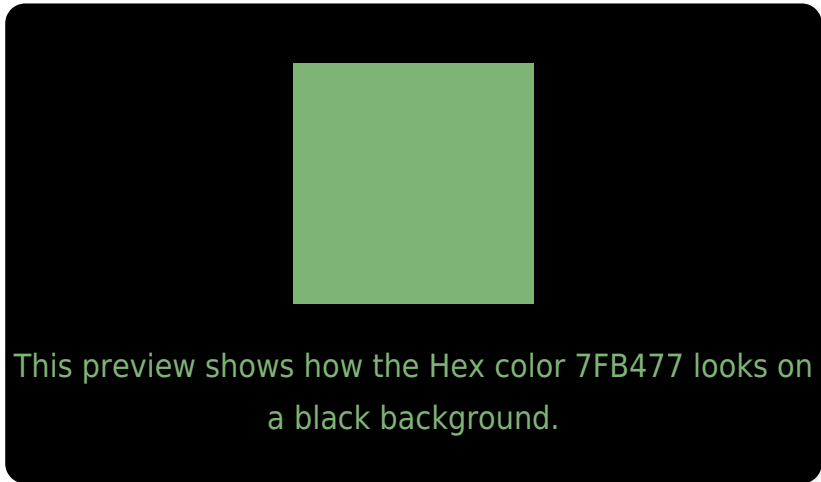
Large Text (above 18pt) WCAG AA × Fail

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 7FB477 Background



This preview shows how black text looks on a background with the Hex color 7FB477.

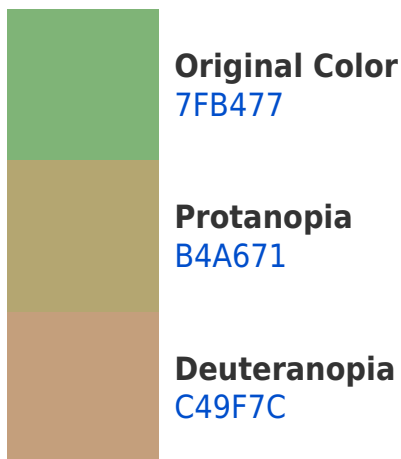


This preview shows how white text looks on a background with the Hex color 7FB477.

# 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](#).

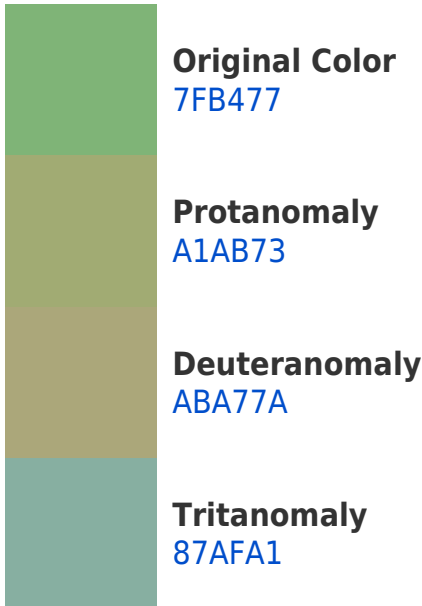
## Dichromacy



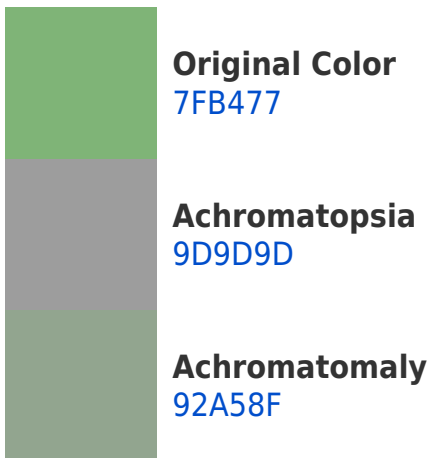


**Tritanopia**  
8BACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB477 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 #7FB477 looks like.

```
.text, #text, p{  
    color:#7FB477  
}
```

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 #7FB477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB477
}
```

## Border

The CSS property to change the border of an element to Hex 7FB477 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
#7FB477 }
```

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

```
.border{ border-color:#7FB477 }
```

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

Here you see how a box with a 4 pixel #7FB477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB477; -webkit-box-shadow:4px 4px  
4px 4px #7FB477; box-shadow:4px 4px 4px  
4px #7FB477 }
```

# Background

The CSS property to change the background color of an element to Hex 7FB477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB477 }
```

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

```
.background{ background-color:#7FB477 }
```

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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