

# Converting Colors

Hex(7FB37E)

Have a look what the booklet for  
Hex(7FB37E) contains.

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# **Color**

**Hex(7FB37E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7FB37E                       |
| RGB         | 127, 179, 126                |
| RGB Percent | 50%, 70%, 49%                |
| CMY         | 0.5020, 0.2980, 0.5059       |
| CMYK        | 0.29, 0.00, 0.30, 0.30       |
| HSL         | 119°, 26%, 60%               |
| HSV         | 119°, 30%, 70%               |
| XYZ         | 28.6384, 38.2586, 25.6139    |
| YIQ         | 157.4100, -13.9790, -27.5070 |

# Conversions

## Conversions Part 2

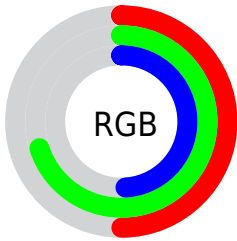
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">126, 179, 178</a>                    |
| Decimal                             | <a href="#">8369022</a>                          |
| CIELab                              | <a href="#">68.21, -27.78, 21.73</a>             |
| CIElCh                              | <a href="#">68, 35.265, 141.964</a>              |
| Yxy                                 | <a href="#">38.2586, 0.3096,<br/>0.4136</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286559102<br/>(0xFF7FB37E)</a>      |
| YUV                                 | <a href="#">157.4100, -15.4851,<br/>-26.6696</a> |
| Hunter-Lab                          | <a href="#">61.8535, -25.5976,<br/>18.7451</a>   |

# Details

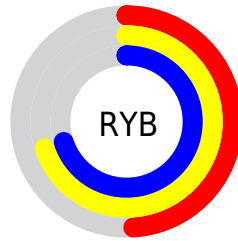
The Hex color **7FB37E** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B27EB3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B5EBB3**, and **4C7E4D** is the 20% darker color. If you saturate the color by 10%, you get **6DB36C**, and if you desaturate by 10%, it is **91B390**.

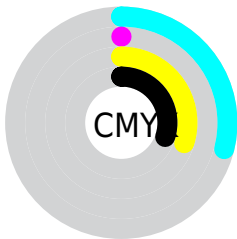
# Distribution



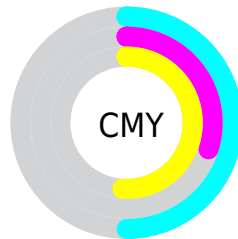
- Red (50%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB37E 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 7FB37E by changing the saturation by 10% instead.



 7FB37E

 7FB37E

FFFFFF

 659865

 B5EBB3

 4C7E4D

 D1FFCF

 336535

 EEFFEB

 1A4C1F

 003509

 002100

 000000

 7FB37E

 7FB37E

 6DB36C

 91B390

 5CB35A

 A2B3A2

 4AB348

 B4B3B4

 39B336

 C5B3C6

 27B325

 D7B3D8

 16B313

 E8B3E9

 04B301

 FAB3FB

 03B300

 FFB3FF

# Harmonies

## Analogous

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



A4AC6A



7FB37E



57B79C

# Triad

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



7FB37E



6BACE5



E58F90

# Complementary

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



7FB37E



B27EB3

# 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.



DF8FB0



7FB37E



9EA1E1

# Square

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



7FB37E



38B4D8



C696CE



DB9775

# Rectangle

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



7FB37E



3CB8B2



C696CE



E58E9B



# Sweetspot

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



7FB37E



D4E8D3



B3B17E



697568



F5F5F5



757575



# Same Dimension

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



7FB37E



96E895



7EB397



505950



039900



001A00



# Inverse Universe

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



B27EB3



E695E8



B37E9A



595059



960099



19001A



# Previews

## White Background



This preview shows how the Hex color 7FB37E looks on a white background.

## Color Contrast Check

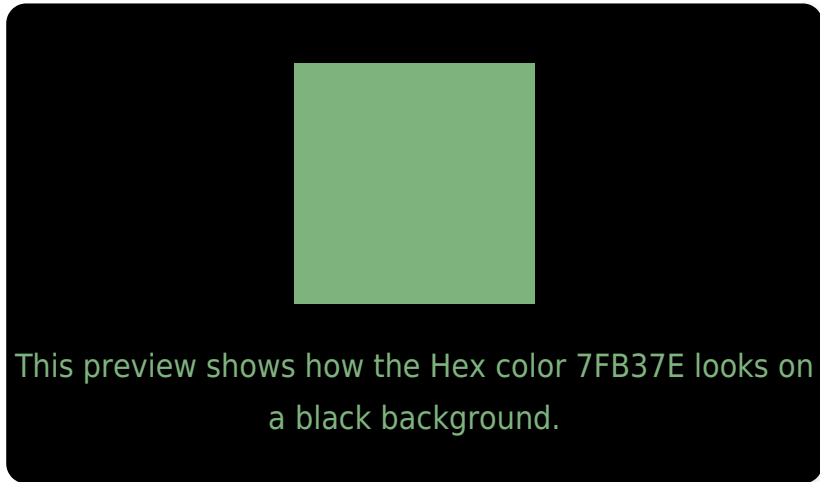
Large Text (above 18pt) WCAG AA × Fail

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

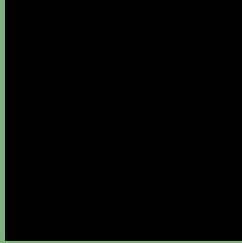
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FB37E Background



This preview shows how black text looks on a background with the Hex color 7FB37E.

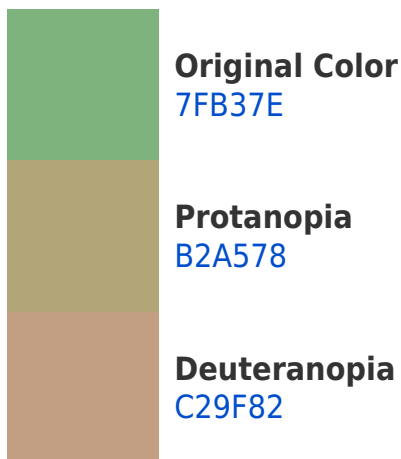


This preview shows how white text looks on a background with the Hex color 7FB37E.

# 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](#).

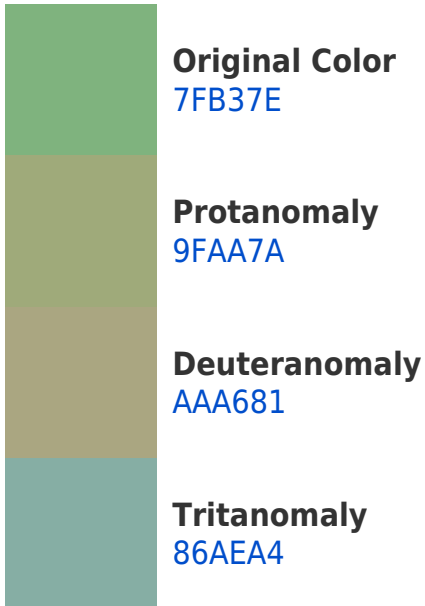
## Dichromacy



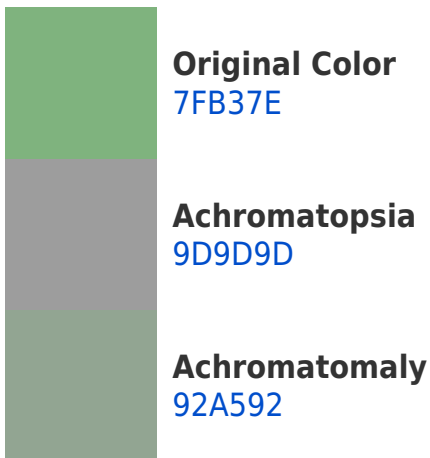


**Tritanopia**  
8AABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB37E 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 #7FB37E looks like.

```
.text, #text, p{  
    color:#7FB37E  
}
```

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 #7FB37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB37E
}
```

## Border

The CSS property to change the border of an element to Hex 7FB37E 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
#7FB37E }
```

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

```
.border{ border-color:#7FB37E }
```

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

Here you see how a box with a 4 pixel #7FB37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB37E; -webkit-box-shadow:4px 4px  
4px 4px #7FB37E; box-shadow:4px 4px 4px  
4px #7FB37E }
```

# Background

The CSS property to change the background color of an element to Hex 7FB37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB37E }
```

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

```
.background{ background-color:#7FB37E }
```

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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