

# Converting Colors

Hex(7EB377)

Have a look what the booklet for  
Hex(7EB377) contains.

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# **Color**

**Hex(7EB377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB377
RGB	126, 179, 119
RGB Percent	49%, 70%, 47%
CMY	0.5059, 0.2980, 0.5333
CMYK	0.30, 0.00, 0.34, 0.30
HSL	113°, 28%, 58%
HSV	113°, 34%, 70%
XYZ	28.0541, 38.0077, 23.3104
YIQ	156.3130, -12.3280, -29.8960

# Conversions

## Conversions Part 2

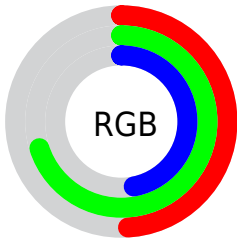
Format	Color
<a href="#">RYB</a>	<a href="#">119, 179, 172</a>
Decimal	<a href="#">8303479</a>
CIELab	<a href="#">68.03, -29.28, 25.23</a>
CIELCh	<a href="#">68, 38.646, 139.247</a>
Yxy	<a href="#">38.0077, 0.3139, 0.4253</a>
Android (android.graphics.Color)	<a href="#">4286493559 (0xFF7EB377)</a>
YUV	<a href="#">156.3130, -18.3953, -26.5845</a>
Hunter-Lab	<a href="#">61.6504, -26.6617, 20.7374</a>

# Details

The Hex color **7EB377** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC77B3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B4EBAC**, and **4B7E46** is the 20% darker color. If you saturate the color by 10%, you get **6EB365**, and if you desaturate by 10%, it is **8EB389**.

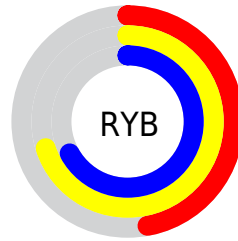
# Distribution



Red (49%)

Green (70%)

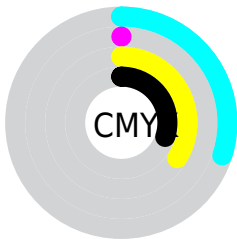
Blue (47%)



Red (47%)

Yellow (70%)

Blue (67%)

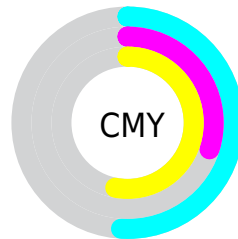


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB377 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 7EB377 by changing the saturation by 10% instead.



 7EB377

 7EB377

FFFFFF

 64985E

 B4EBAC

 4B7E46

 D0FFC7

 32652F

 EDFFE3

 184C18

 003500

 002100

 000000

 7EB377

 7EB377

 6EB365

 8EB389

 5EB353

 9EB39B

 4FB341

 ADB3AD

 3FB32F

 BDB3BF

 2FB31E

 CDB3D1

 1FB30C

 DDB3E2

 15B300

 EDB3F4

 FCB3FF

 FFB3FF

# Harmonies

## Analogous

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



A6AB63



7EB377



4FB898

# Triad

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



7EB377



5AADEA



EA8B91

# Complementary

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



7EB377



AC77B3

# 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.



E18CB4



7EB377



97A1E7

# Square

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



7EB377



00B5DA



C595D4



E09372

# Rectangle

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



7EB377



27B8B0



C595D4



E98A9C



# Sweetspot

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



7EB377



D4E8D1



B3AC77



697567



F5F5F5



757575



# Same Dimension

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



7EB377



96E88B



77B38E



515950



129900



031A00



# Inverse Universe

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



AC77B3



DD8BE8



B3779C



585059



870099



17001A



# Previews

## White Background



This preview shows how the Hex color 7EB377 looks on a white background.

## Color Contrast Check

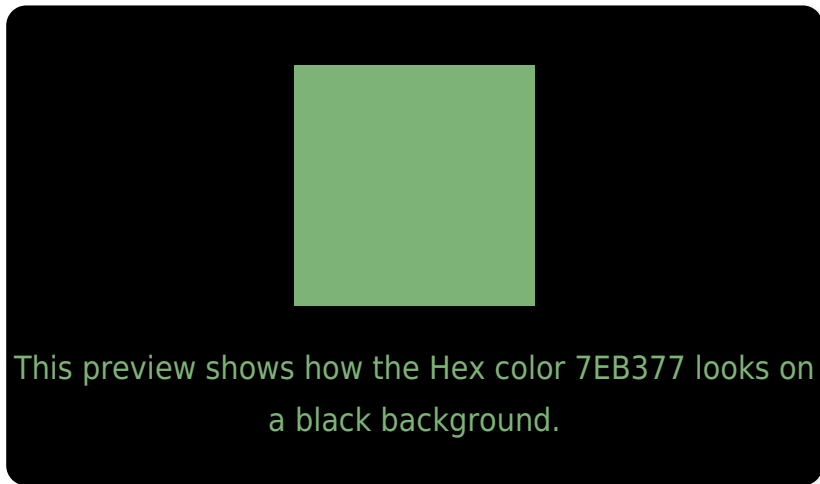
Large Text (above 18pt) WCAG AA × Fail

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

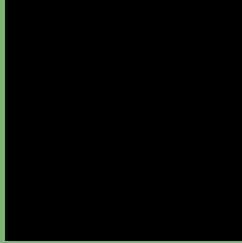
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EB377 Background



This preview shows how black text looks on a background with the Hex color 7EB377.

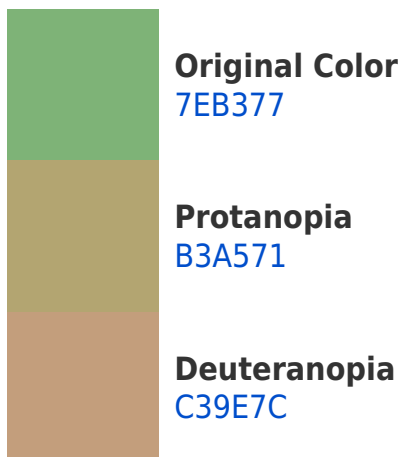


This preview shows how white text looks on a background with the Hex color 7EB377.

# 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](#).

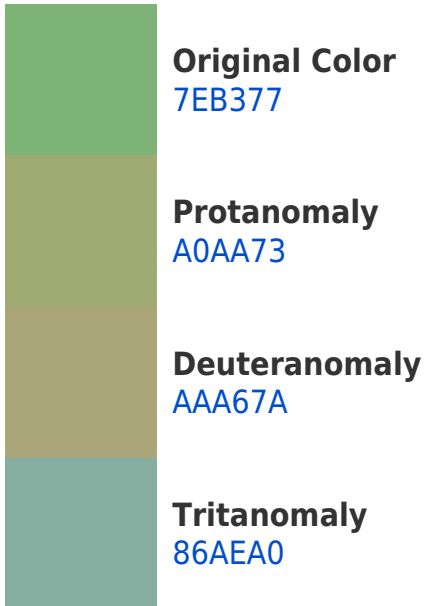
## Dichromacy



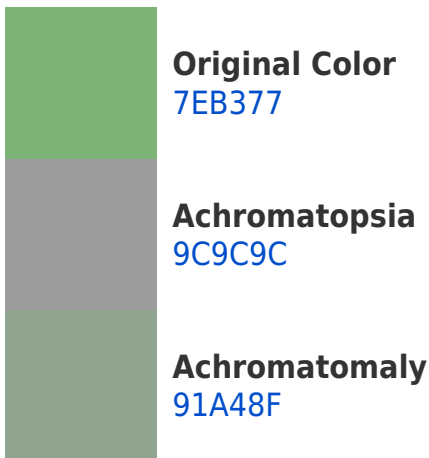


**Tritanopia**  
8AABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB377 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 #7EB377 looks like.

```
.text, #text, p{  
    color:#7EB377  
}
```

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 #7EB377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB377
}
```

## Border

The CSS property to change the border of an element to Hex 7EB377 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
#7EB377 }
```

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

```
.border{ border-color:#7EB377 }
```

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

Here you see how a box with a 4 pixel #7EB377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB377; -webkit-box-shadow:4px 4px  
4px 4px #7EB377; box-shadow:4px 4px 4px  
4px #7EB377 }
```

# Background

The CSS property to change the background color of an element to Hex 7EB377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB377 }
```

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

```
.background{ background-color:#7EB377 }
```

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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