

# Converting Colors

Hex(7EE277)

Have a look what the booklet for  
Hex(7EE277) contains.

<b>Hex(7EE277)</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(7EE277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EE277
RGB	126, 226, 119
RGB Percent	49%, 89%, 47%
CMY	0.5059, 0.1137, 0.5333
CMYK	0.44, 0.00, 0.47, 0.11
HSL	116°, 65%, 68%
HSV	116°, 47%, 89%
XYZ	39.1303, 60.1602, 27.0025
YIQ	183.9020, -25.2530, -54.4770

# Conversions

## Conversions Part 2

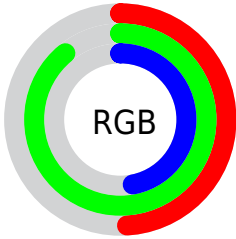
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 226, 219
Decimal	8315511
CIELab	81.93, -50.13, 43.18
CIELCh	82, 66.166, 139.260
Yxy	60.1602, 0.3098, 0.4764
Android (android.graphics.Color)	4286505591 (0xFF7EE277)
YUV	183.9020, -31.9967, -50.7801
Hunter-Lab	77.5630, -45.6826, 33.6532

# Details

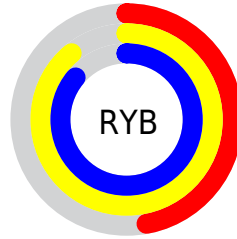
The Hex color **7EE277** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DB77E2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B7FFAD**, and **44AA44** is the 20% darker color. If you saturate the color by 10%, you get **69E260**, and if you desaturate by 10%, it is **93E28E**.

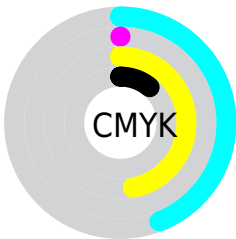
# Distribution



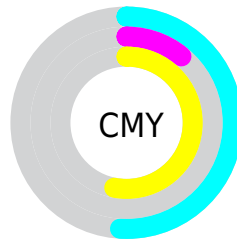
- Red (49%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (86%)



- Cyan (44%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EE277 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 7EE277 by changing the saturation by 10% instead.



 7EE277

 7EE277

FFFFFF

 61C65D

 B7FFAD

 44AA44

 D5FFC9

 228F2A

 F2FFE5

 00740D

 005B00

 004200

 002D00

 000D00

 000000

 7EE277

 7EE277

 69E260

 93E28E

 54E24A

 A8E2A4

 3FE233

 BDE2BB

 2AE21D

 D2E2D1

 14E206

 E8E2E8

 0FE200

 FDE2FF

 FFE2FF

# Harmonies

## Analogous

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



C7D54F



7EE277



00E9B3

# Triad

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



7EE277



00D9FF



FF97A6

# Complementary

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



7EE277



DB77E2

# 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.



FF97E5



7EE277



A8C4FF

# Square

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



7EE277



00E5FF



FFABFF



FFA970

# Rectangle

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



7EE277



00EADE



FFABFF



FF94BB

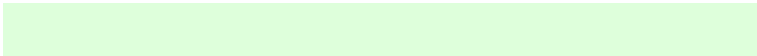


# Sweetspot

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



7EE277



DEFFDB



E2DB77



6B806A



000000



808080



# Same Dimension

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



7EE277



77FF6E



77E2A5



667065



0CB000



033000



# Inverse Universe

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



DB77E2



F56EFF



E277B4



6F6570



A400B0



2D0030



# Previews

## White Background



This preview shows how the Hex color 7EE277 looks on a white background.

## Color Contrast Check

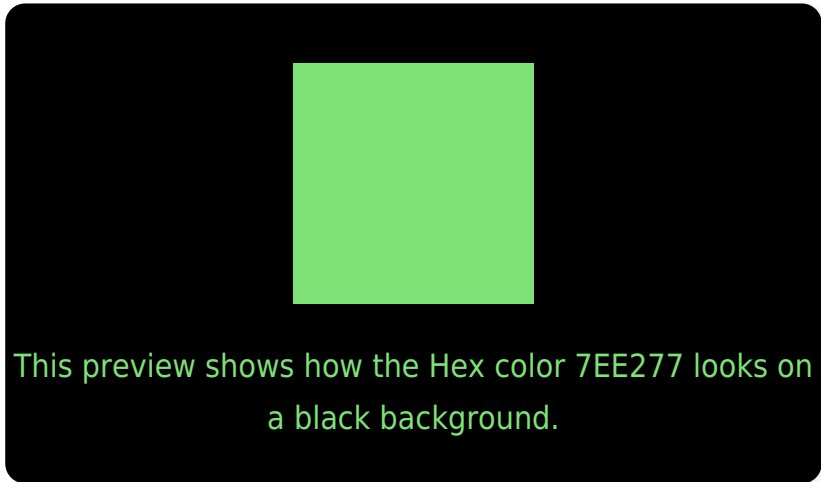
Large Text (above 18pt) WCAG AA × Fail

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

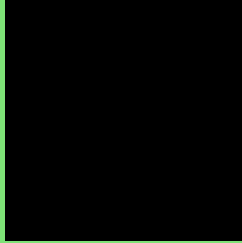
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EE277 Background



This preview shows how black text looks on a background with the Hex color 7EE277.

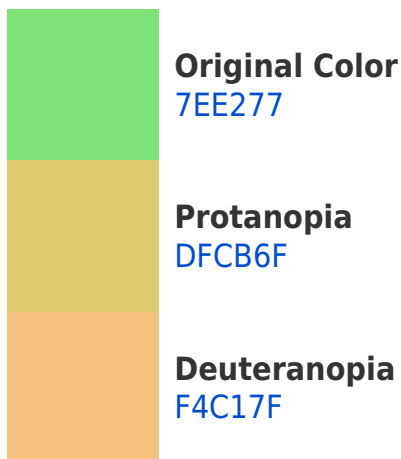


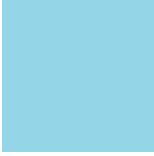
This preview shows how white text looks on a background with the Hex color 7EE277.

# 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**  
94D5E7

# Trichromacy



**Original Color**  
7EE277



**Protanomaly**  
BCD372



**Deuteranomaly**  
C9CD7C



**Tritanomaly**  
8CDABE

# Monochromacy



**Original Color**  
7EE277



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
A3C7A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EE277 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 #7EE277 looks like.

```
.text, #text, p{  
    color:#7EE277  
}
```

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 #7EE277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE277
}
```

## Border

The CSS property to change the border of an element to Hex 7EE277 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
#7EE277 }
```

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

```
.border{ border-color:#7EE277 }
```

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

Here you see how a box with a 4 pixel #7EE277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE277; -webkit-box-shadow:4px 4px  
4px 4px #7EE277; box-shadow:4px 4px 4px  
4px #7EE277 }
```

# Background

The CSS property to change the background color of an element to Hex 7EE277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE277 }
```

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

```
.background{ background-color:#7EE277 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor