

# Converting Colors

Hex(67E279)

Have a look what the booklet for  
Hex(67E279) contains.

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**Color**

**Hex(67E279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67E279
RGB	103, 226, 121
RGB Percent	40%, 89%, 47%
CMY	0.5961, 0.1137, 0.5255
CMYK	0.54, 0.00, 0.46, 0.11
HSL	129°, 68%, 65%
HSV	129°, 54%, 89%
XYZ	36.2411, 58.6568, 27.5009
YIQ	177.2530, -39.6030, -58.7310

# Conversions

## Conversions Part 2

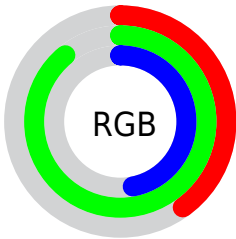
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 210, 226
Decimal	6808185
CIELab	81.10, -55.98, 41.00
CIElCh	81, 69.383, 143.782
Yxy	58.6568, 0.2961, 0.4792
Android (android.graphics.Color)	4284998265 (0xFF67E279)
YUV	177.2530, -27.7327, -65.1199
Hunter-Lab	76.5877, -49.5628, 32.3217

# Details

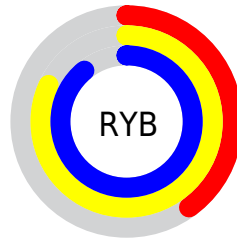
The Hex color **67E279** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E267D0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A2FFAF**, and **22AA46** is the 20% darker color. If you saturate the color by 10%, you get **50E266**, and if you desaturate by 10%, it is **7EE28C**.

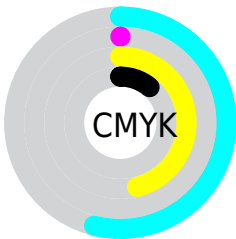
# Distribution



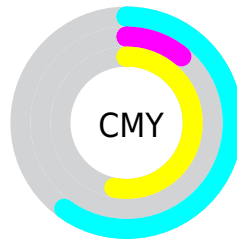
- Red (40%)
- Green (89%)
- Blue (47%)



- Red (40%)
- Yellow (82%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67E279 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 67E279 by changing the saturation by 10% instead.



 67E279

 67E279

FFFFFF

 48C55F

 A2FFAF

 22AA46

 C0FFCB

 008E2D

 DEFFE7

 007412

 FCFFF

 005A00

 004100

 002B00

 000800

 000000

 67E279

 67E279

 50E266

 7EE28C

 3AE252

 94E2A0

 23E23F

 ABE2B3

 0DE22C

 C1E2C6

 00E221

 D8E2D9

 EFE2ED

 FFE2FF

# Harmonies

## Analogous

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



BAD549



67E279



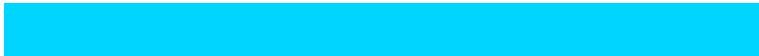
00E8B9

# Triad

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



67E279



00D5FF



FF9399

# Complementary

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



67E279



E267D0

# 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.



FF90DA



67E279



B4BEFF

# Square

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



67E279



00E3FF



FFA3FF



FFA861

# Rectangle

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



67E279



00E9E6



FFA3FF



FF8FAE

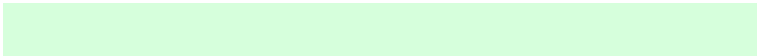


# Sweetspot

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



67E279



D6FFDC



D2E267



67806B



000000



808080



# Same Dimension

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



67E279



59FF72



67E2B5



657067



00B01A



003007



# Inverse Universe

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



E267D0



FF59E7



E26794



70656F



B00096



300029



# Previews

## White Background



This preview shows how the Hex color 67E279 looks on a white background.

## Color Contrast Check

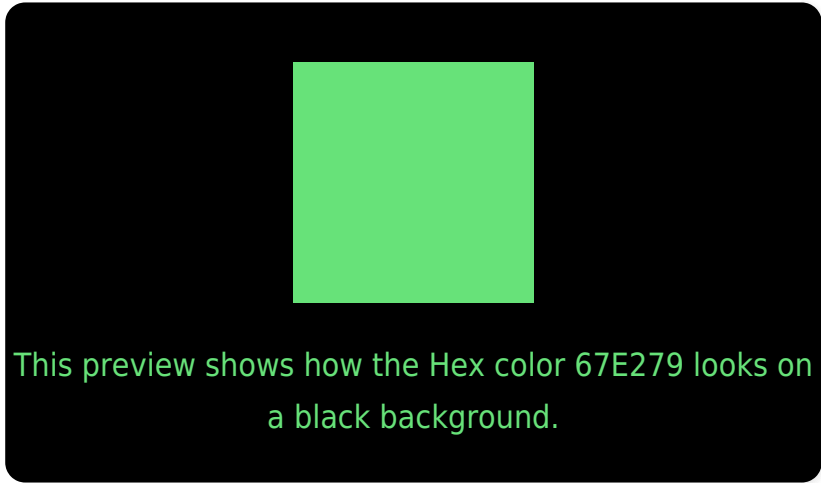
Large Text (above 18pt) WCAG AA × Fail

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

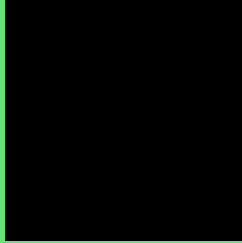
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67E279 Background



This preview shows how black text looks on a background with the Hex color 67E279.

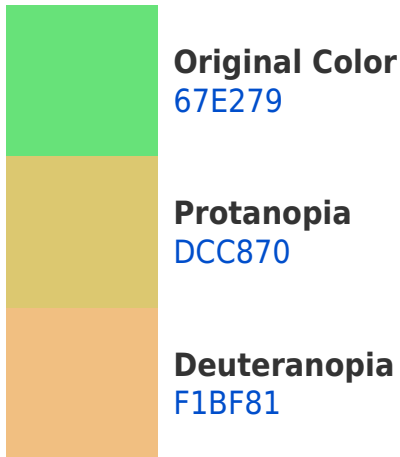


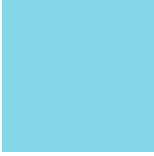
This preview shows how white text looks on a background with the Hex color 67E279.

# 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**  
82D6E7

# Trichromacy



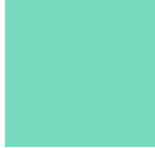
**Original Color**  
67E279



**Protanomaly**  
B1D173



**Deuteranomaly**  
BFCC7E



**Tritanomaly**  
78DABF

# Monochromacy



**Original Color**  
67E279



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
96C39D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67E279 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 #67E279 looks like.

```
.text, #text, p{  
    color:#67E279  
}
```

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 #67E279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E279
}
```

## Border

The CSS property to change the border of an element to Hex 67E279 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
#67E279 }
```

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

```
.border{ border-color:#67E279 }
```

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

Here you see how a box with a 4 pixel #67E279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E279; -webkit-box-shadow:4px 4px  
4px 4px #67E279; box-shadow:4px 4px 4px  
4px #67E279 }
```

# Background

The CSS property to change the background color of an element to Hex 67E279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E279 }
```

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

```
.background{ background-color:#67E279 }
```

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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