

# Converting Colors

Hex(67E293)

Have a look what the booklet for  
Hex(67E293) contains.

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**Color**

**Hex(67E293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67E293
RGB	103, 226, 147
RGB Percent	40%, 89%, 58%
CMY	0.5961, 0.1137, 0.4235
CMYK	0.54, 0.00, 0.35, 0.11
HSL	141°, 68%, 65%
HSV	141°, 54%, 89%
XYZ	38.0563, 59.3829, 37.0600
YIQ	180.2170, -47.9490, -50.6450

# Conversions

## Conversions Part 2

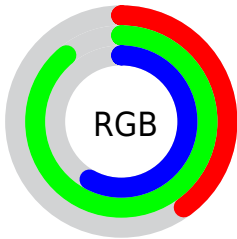
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 194, 226</a>
Decimal	<a href="#">6808211</a>
CIELab	<a href="#">81.50, -51.74, 28.47</a>
CIELCh	<a href="#">82, 59.054, 151.182</a>
Yxy	<a href="#">59.3829, 0.2829, 0.4415</a>
Android (android.graphics.Color)	<a href="#">4284998291 (0xFF67E293)</a>
YUV	<a href="#">180.2170, -16.3760, -67.7193</a>
Hunter-Lab	<a href="#">77.0603, -46.7030, 25.4283</a>

# Details

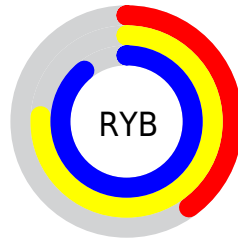
The Hex color **67E293** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E267B6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A2FFC9**, and **23AA60** is the 20% darker color. If you saturate the color by 10%, you get **50E284**, and if you desaturate by 10%, it is **7EE2A2**.

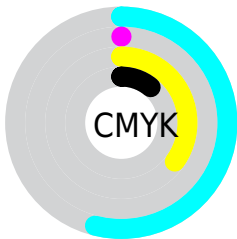
# Distribution



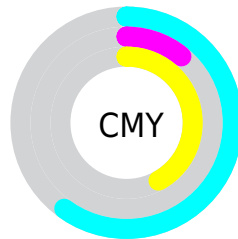
- Red (40%)
- Green (89%)
- Blue (58%)



- Red (40%)
- Yellow (76%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67E293 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 67E293 by changing the saturation by 10% instead.



 67E293

 67E293


FFFFFF

 48C679

 A2FFC9

 23AA60

 BFFFE6

 008F47

 DDFFFF

 007430

 FBFFFF

 005A19

 004200

 002C00

 000A00

 000000

 67E293

 67E293

 50E284

 7EE2A2

 3AE276

 94E2B0

 23E267

 ABE2BF

 0DE259

 C1E2CD

 00E251

 D8E2DC

 EFE2EA

 FFE2F9

 FFE2FF

# Harmonies

## Analogous

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



B0D868



67E293



00E6CB

# Triad

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



67E293



67D0FF



FFA294

# Complementary

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



67E293



E267B6

# 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.



FF9BCB



67E293



D1BBFF

# Square

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



67E293



00DEFF



FFA6FF



FFB46A

# Rectangle

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



67E293



00E6F1



FFA6FF



FF9EA6

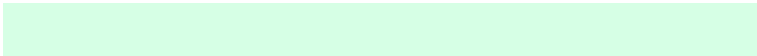


# Sweetspot

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



67E293



D6FFE5



B7E267



678070



000000



808080



# Same Dimension

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



67E293



59FF95



67E2D0



657069



00B03F



003011



# Inverse Universe

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



E267B6



FF59C4



E26779



70656C



B00071

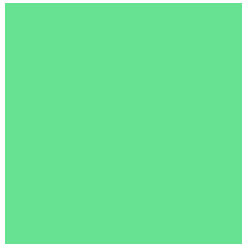


30001F



# Previews

## White Background



This preview shows how the Hex color 67E293 looks on a white background.

## Color Contrast Check

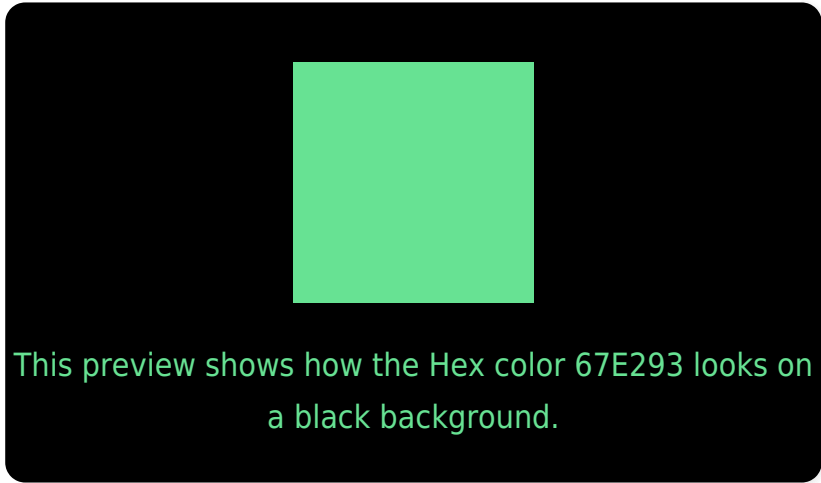
Large Text (above 18pt) WCAG AA × Fail

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

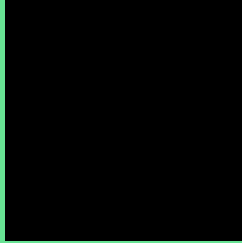
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67E293 Background



This preview shows how black text looks on a background with the Hex color 67E293.

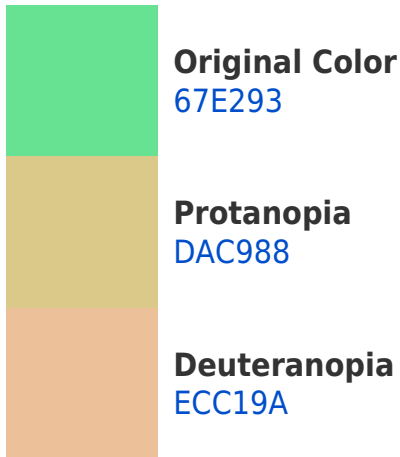


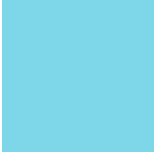
This preview shows how white text looks on a background with the Hex color 67E293.

# 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**  
7ED7E9

# Trichromacy



**Original Color**  
67E293



**Protanomaly**  
B0D28C



**Deuteranomaly**  
BCCD97



**Tritanomaly**  
76DBCA

# Monochromacy



**Original Color**  
67E293



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
98C5A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67E293 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 #67E293 looks like.

```
.text, #text, p{  
    color:#67E293  
}
```

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 #67E293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E293
}
```

## Border

The CSS property to change the border of an element to Hex 67E293 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
#67E293 }
```

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

```
.border{ border-color:#67E293 }
```

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

Here you see how a box with a 4 pixel #67E293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E293; -webkit-box-shadow:4px 4px  
4px 4px #67E293; box-shadow:4px 4px 4px  
4px #67E293 }
```

# Background

The CSS property to change the background color of an element to Hex 67E293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E293 }
```

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

```
.background{ background-color:#67E293 }
```

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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