

# Converting Colors

Hex(67E2A0)

Have a look what the booklet for  
Hex(67E2A0) contains.

<b>Hex(67E2A0)</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(67E2A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67E2A0
RGB	103, 226, 160
RGB Percent	40%, 89%, 63%
CMY	0.5961, 0.1137, 0.3725
CMYK	0.54, 0.00, 0.29, 0.11
HSL	148°, 68%, 65%
HSV	148°, 54%, 89%
XYZ	39.1350, 59.8143, 42.7404
YIQ	181.6990, -52.1220, -46.6020

# Conversions

## Conversions Part 2

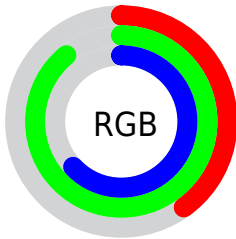
Format	Color
<a href="#">RYB</a>	<a href="#">103, 187, 226</a>
Decimal	<a href="#">6808224</a>
CIELab	<a href="#">81.74, -49.31, 22.07</a>
CIELCh	<a href="#">82, 54.022, 155.883</a>
Yxy	<a href="#">59.8143, 0.2762, 0.4222</a>
Android (android.graphics.Color)	<a href="#">4284998304</a> ( <a href="#">0xFF67E2A0</a> )
YUV	<a href="#">181.6990, -10.6976, -69.0190</a>
Hunter-Lab	<a href="#">77.3397, -45.0209, 21.3723</a>

# Details

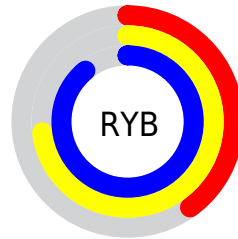
The Hex color **67E2A0** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E267A9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A2FFD7**, and **23AA6C** is the 20% darker color. If you saturate the color by 10%, you get **50E294**, and if you desaturate by 10%, it is **7EE2AC**.

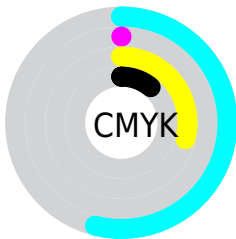
# Distribution



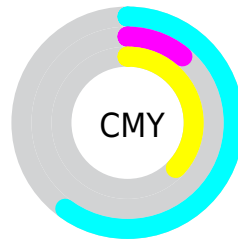
- Red (40%)
- Green (89%)
- Blue (63%)



- Red (40%)
- Yellow (73%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67E2A0 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 67E2A0 by changing the saturation by 10% instead.



 67E2A0

 67E2A0

FFFFFF

 48C686

 A2FFD7

 23AA6C

 BFFFF3

 008F54

 DDFFFF

 00743C

 FBFFFF

 005B25

 004210

 002C00

 000C00

 000000

 67E2A0

 67E2A0

 50E294

 7EE2AC

 3AE288

 94E2B8

 23E27C

 ABE2C4

 0DE26F

 C1E2D1

 00E269

 D8E2DD

 EFE2E9

 FFE2F5

 FFE2FF

# Harmonies

## Analogous

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



ABD976



67E2A0



00E5D4

# Triad

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



67E2A0



89CDFE



FFA992

# Complementary

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



67E2A0



E267A9

# 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.



FFA1C3



67E2A0



DDBAFF

# Square

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



67E2A0



00DBFF



FFA8F6



FFBA6F

# Rectangle

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



67E2A0



00E5F6



FFA8F6



FFA5A2

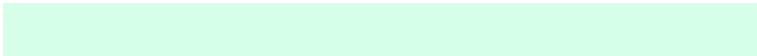


# Sweetspot

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



67E2A0



D6FFE9



ABE267



678073



000000



808080



# Same Dimension

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



67E2A0



59FFA6



67E2DC



65706A



00B052



003016



# Inverse Universe

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



E267A9



FF59B2



E2676D



70656B



B0005E

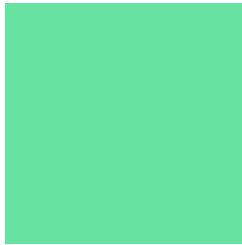


30001A



# Previews

## White Background



This preview shows how the Hex color 67E2A0 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



This preview shows how the Hex color 67E2A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

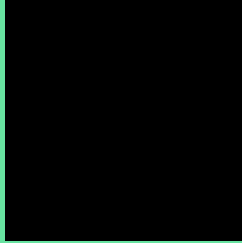
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67E2A0 Background



This preview shows how black text looks on a background with the Hex color 67E2A0.

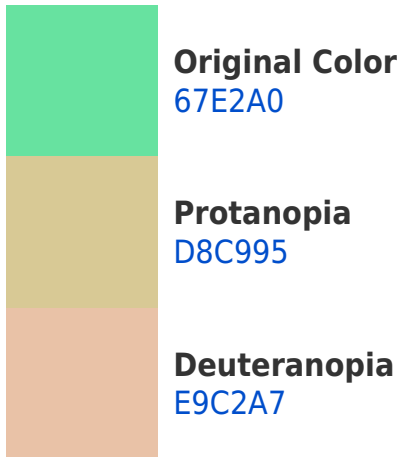


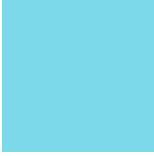
This preview shows how white text looks on a background with the Hex color 67E2A0.

# 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**  
7CD9EA

# Trichromacy



**Original Color**  
67E2A0



**Protanomaly**  
AFD299



**Deuteranomaly**  
BACEA4



**Tritanomaly**  
74DCCF

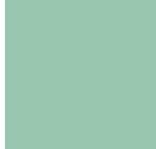
# Monochromacy



**Original Color**  
67E2A0



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
99C6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67E2A0 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 #67E2A0 looks like.

```
.text, #text, p{  
    color:#67E2A0  
}
```

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 #67E2A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E2A0  
}
```

## Border

The CSS property to change the border of an element to Hex 67E2A0 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  
#67E2A0 }
```

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

```
.border{ border-color:#67E2A0 }
```

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

Here you see how a box with a 4 pixel #67E2A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E2A0; -webkit-box-shadow:4px 4px  
4px 4px #67E2A0; box-shadow:4px 4px 4px  
4px #67E2A0 }
```

# Background

The CSS property to change the background color of an element to Hex 67E2A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E2A0 }
```

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

```
.background{ background-color:#67E2A0 }
```

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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