

# Converting Colors

Hex(7EE2C2)

Have a look what the booklet for  
Hex(7EE2C2) contains.

<b>Hex(7EE2C2)</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(7EE2C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EE2C2
RGB	126, 226, 194
RGB Percent	49%, 89%, 76%
CMY	0.5059, 0.1137, 0.2392
CMYK	0.44, 0.00, 0.14, 0.11
HSL	161°, 63%, 69%
HSV	161°, 44%, 89%
XYZ	45.5381, 62.7234, 60.7456
YIQ	192.4520, -49.3280, -31.1520

# Conversions

## Conversions Part 2

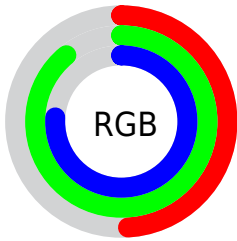
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 186, 226
Decimal	8315586
CIELab	83.30, -36.76, 6.56
CIELCh	83, 37.338, 169.887
Yxy	62.7234, 0.2694, 0.3711
Android (android.graphics.Color)	4286505666 (0xFF7EE2C2)
YUV	192.4520, 0.7632, -58.2784
Hunter-Lab	79.1981, -35.9609, 9.9627

# Details

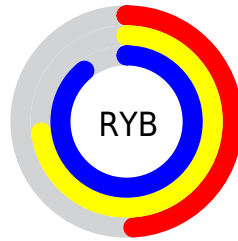
The Hex color **7EE2C2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E27E9E**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B7FFFA**, and **45AA8C** is the 20% darker color. If you saturate the color by 10%, you get **67E2BB**, and if you desaturate by 10%, it is **95E2C9**.

# Distribution



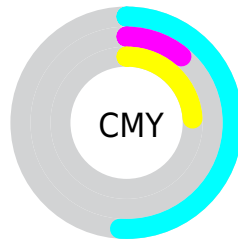
- Red (49%)
- Green (89%)
- Blue (76%)



- Red (49%)
- Yellow (73%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EE2C2 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 7EE2C2 by changing the saturation by 10% instead.



 7EE2C2

 7EE2C2

FFFFFF

 62C6A7

 B7FFFA

 45AA8C

 D4FFFF

 248F73

 F2FFFF

 00755A

 005C43

 00442D

 002D18

 001400

 000000

 7EE2C2

 7EE2C2

 67E2BB

 95E2C9

 51E2B4

 ABE2D0

 3AE2AC

 C2E2D8

 24E2A5

 D8E2DF

 0DE29E

 EFE2E6

 00E29A

 FFE2ED

 FFE2F5

 FFE2FC

 FFE2FF

# Harmonies

## Analogous

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



A8DDA1



7EE2C2



5CE3E6

# Triad

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



7EE2C2



C4CBFF



FFBE9B

# Complementary

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



7EE2C2



E27E9E

# 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.



FFB6B9



7EE2C2



F1BEFD

# Square

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



7EE2C2



8ED6FF



FFB6DD



F3C98B

# Rectangle

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



7EE2C2



59E1FB



FFB6DD



FFBAA4

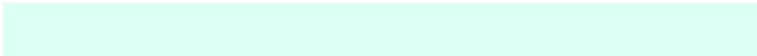


# Sweetspot

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



7EE2C2



DEFFF4



9FE27E



6B8079



000000



808080

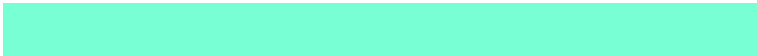


# Same Dimension

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



7EE2C2



78FFD4



7ED1E2



65706D



00B078



003021



# Inverse Universe

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



E27E9E



FF78A3



E28F7E



706569



B00038

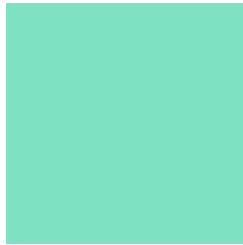


300010



# Previews

## White Background



This preview shows how the Hex color 7EE2C2 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 7EE2C2 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

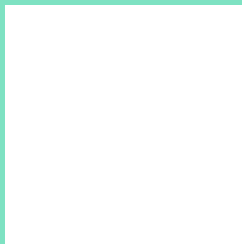
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EE2C2 Background



This preview shows how black text looks on a background with the Hex color 7EE2C2.



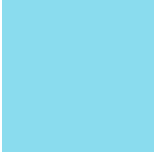
This preview shows how white text looks on a background with the Hex color 7EE2C2.

# 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**  
8ADCEE

# Trichromacy



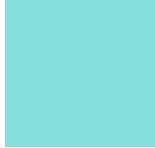
**Original Color**  
7EE2C2



**Protanomaly**  
B7D5BB



**Deuteranomaly**  
C0D1C6

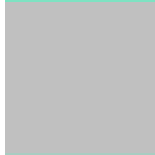


**Tritanomaly**  
86DEDE

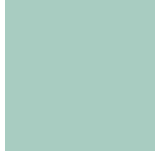
# Monochromacy



**Original Color**  
7EE2C2



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A8CCC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EE2C2 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 #7EE2C2 looks like.

```
.text, #text, p{  
    color:#7EE2C2  
}
```

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 #7EE2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE2C2
}
```

## Border

The CSS property to change the border of an element to Hex 7EE2C2 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
#7EE2C2 }
```

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

```
.border{ border-color:#7EE2C2 }
```

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

Here you see how a box with a 4 pixel #7EE2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE2C2; -webkit-box-shadow:4px 4px  
4px 4px #7EE2C2; box-shadow:4px 4px 4px  
4px #7EE2C2 }
```

# Background

The CSS property to change the background color of an element to Hex 7EE2C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE2C2 }
```

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

```
.background{ background-color:#7EE2C2 }
```

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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