

Converting Colors

Hex(77E3C2)

Have a look what the booklet for
Hex(77E3C2) contains.

Hex(77E3C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77E3C2)

Conversions

Conversions Part 1

Format	Color
Hex	77E3C2
RGB	119, 227, 194
RGB Percent	47%, 89%, 76%
CMY	0.5333, 0.1098, 0.2392
CMYK	0.48, 0.00, 0.15, 0.11
HSL	162°, 66%, 68%
HSV	162°, 48%, 89%
XYZ	44.8144, 62.7552, 60.7899
YIQ	190.9460, -53.7750, -33.1590

Conversions

Conversions Part 2

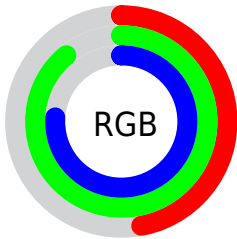
Format	Color
RYB	119, 183, 227
Decimal	7857090
CIELab	83.31, -38.91, 6.55
CIElCh	83, 39.460, 170.452
Yxy	62.7552, 0.2662, 0.3727
Android (android.graphics.Color)	4286047170 (0xFF77E3C2)
YUV	190.9460, 1.5056, -63.0966
Hunter-Lab	79.2181, -37.6527, 9.9551

Details

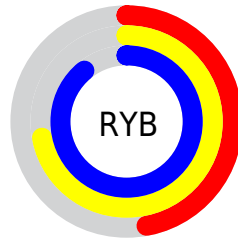
The Hex color **77E3C2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E37798**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B1FFFA**, and **3BAB8C** is the 20% darker color. If you saturate the color by 10%, you get **60E3BB**, and if you desaturate by 10%, it is **8EE3C9**.

Distribution



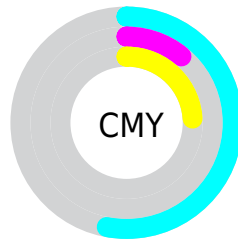
- Red (47%)
- Green (89%)
- Blue (76%)



- Red (47%)
- Yellow (72%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E3C2 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 77E3C2 by changing the saturation by 10% instead.

 77E3C2

 77E3C2

FFFFFF

 5AC7A7

 B1FFFA

 3BAB8C

 CEFFFF

 139073

 ECFFFF

 00765A

 005D43

 00442D

 002D18

 001400

 000000

 77E3C2

 77E3C2

 60E3BB

 8EE3C9

 4AE3B4

 A4E3D0

 33E3AD

 BBE3D7

 1CE3A6

 D2E3DE

 06E39F

 E9E3E5

 00E39E

 FFE3EC

 FFE3F3

 FFE3F9

 FFE3FF

Harmonies

Analogous

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



A4DE9F



77E3C2



50E4E8

Triad

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



77E3C2



C3CAFF



FFBD98

Complementary

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



77E3C2



E37798

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.



FFB4B7



77E3C2



F3BDFE

Square

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



77E3C2



89D7FF



FFB4DD



F4C986

Rectangle

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



77E3C2



4CE1FF



FFB4DD



FFB9A1

Sweetspot

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



77E3C2



DBFFF4



99E377



6A8079



000000



808080

Same Dimension

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



77E3C2



6EFFD3



77CFE3



67736F



00B37C



003323

Inverse Universe

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



E37798



FF6E9A



E38B77



73676B



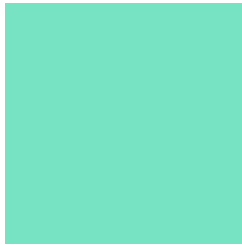
B30037



330010

Previews

White Background



This preview shows how the Hex color 77E3C2 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 77E3C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

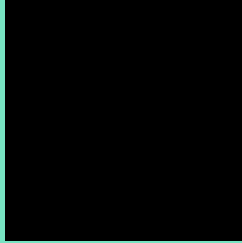
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

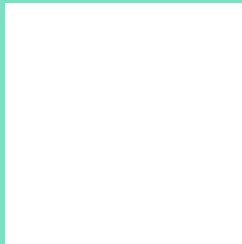
Any Text WCAG AAA ✓ Pass

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

Hex 77E3C2 Background



This preview shows how black text looks on a background with the Hex color 77E3C2.

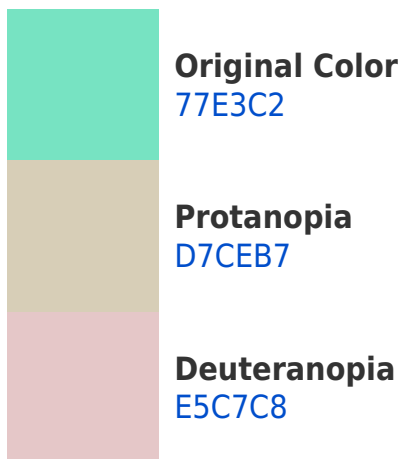


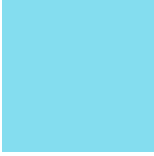
This preview shows how white text looks on a background with the Hex color 77E3C2.

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
84DDEF

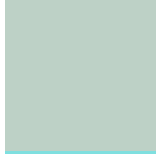
Trichromacy



Original Color
77E3C2



Protanomaly
B4D6BB



Deuteranomaly
BDD1C6

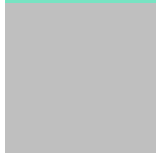


Tritanomaly
7FDFDF

Monochromacy



Original Color
77E3C2



Achromatopsia
BFBFBF



Achromatomaly
A5CCC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E3C2 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 #77E3C2 looks like.

```
.text, #text, p{  
    color:#77E3C2  
}
```

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 #77E3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E3C2  
}
```

Border

The CSS property to change the border of an element to Hex 77E3C2 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  
#77E3C2 }
```

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

```
.border{ border-color:#77E3C2 }
```

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

Here you see how a box with a 4 pixel #77E3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E3C2; -webkit-box-shadow:4px 4px  
4px 4px #77E3C2; box-shadow:4px 4px 4px  
4px #77E3C2 }
```

Background

The CSS property to change the background color of an element to Hex 77E3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E3C2 }
```

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

```
.background{ background-color:#77E3C2 }
```

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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