

Converting Colors

Hex(70E7C3)

Have a look what the booklet for
Hex(70E7C3) contains.

Hex(70E7C3)	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(70E7C3)

Conversions

Conversions Part 1

Format	Color
Hex	70E7C3
RGB	112, 231, 195
RGB Percent	44%, 91%, 76%
CMY	0.5608, 0.0941, 0.2353
CMYK	0.52, 0.00, 0.16, 0.09
HSL	162°, 71%, 67%
HSV	162°, 52%, 91%
XYZ	45.1083, 64.5367, 61.7091
YIQ	191.3150, -59.3680, -36.4240

Conversions

Conversions Part 2

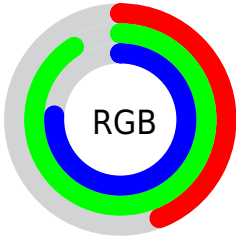
Format	Color
RYB	112, 182, 231
Decimal	7399363
CIELab	84.24, -42.08, 7.32
CIELCh	84, 42.710, 170.126
Yxy	64.5367, 0.2632, 0.3766
Android (android.graphics.Color)	4285589443 (0xFF70E7C3)
YUV	191.3150, 1.8167, -69.5593
Hunter-Lab	80.3347, -40.3572, 10.6907

Details

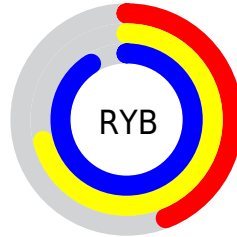
The Hex color **70E7C3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E77094**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ABFFFC**, and **30AF8D** is the 20% darker color. If you saturate the color by 10%, you get **59E7BC**, and if you desaturate by 10%, it is **87E7CA**.

Distribution



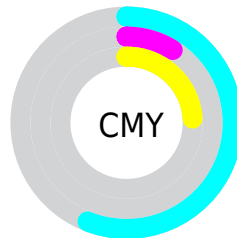
- Red (44%)
- Green (91%)
- Blue (76%)



- Red (44%)
- Yellow (71%)
- Blue (91%)



- Cyan (52%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E7C3 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 70E7C3 by changing the saturation by 10% instead.

 70E7C3

 70E7C3


FFFFFF

 52CBA8

 ABFFFC

 30AF8D

 C8FFFF

 009474

 E6FFFF

 00795B

 006044

 00472E

 003019

 001700

 000000

 70E7C3

 70E7C3

 59E7BC

 87E7CA

 42E7B5

 9EE7D1

 2BE7AE

 B5E7D8

 14E7A7

 CCE7DF

 00E7A1

 E4E7E6

 FBE7ED

 FFE7F4

 FFE7FB

 FFE7FF

Harmonies

Analogous

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



A3E29D



70E7C3



3CE8EC

Triad

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



70E7C3



C4CDFE



FFBD96

Complementary

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



70E7C3



E77094

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.



FFB4B8



70E7C3



F8BEFF

Square

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



70E7C3



82DAFF



FFB4E1



F9CB83

Rectangle

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



70E7C3



32E5FF



FFB4E1



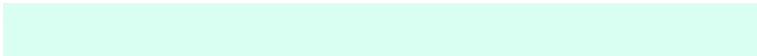
FFBAA0

Sweetspot

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



70E7C3



D9FFF3



96E770



698079



000000



808080

Same Dimension

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



70E7C3



61FFCF



70D1E7



67736F



00B37C



003324

Inverse Universe

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



E77094



FF6191



E78670



73676B



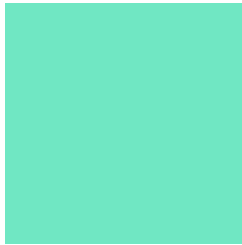
B30036



33000F

Previews

White Background



This preview shows how the Hex color 70E7C3 looks on a white background.

Color Contrast Check

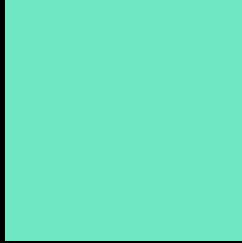
Large Text (above 18pt) WCAG AA × Fail

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 70E7C3 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 70E7C3 Background



This preview shows how black text looks on a background with the Hex color 70E7C3.

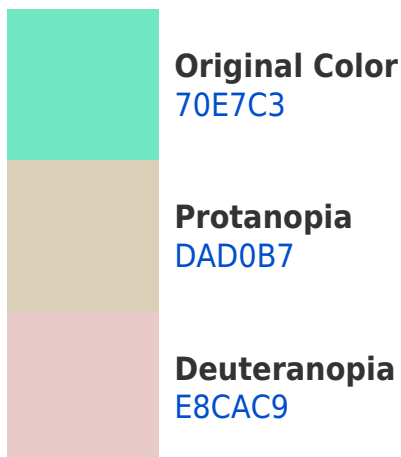


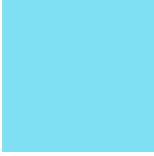
This preview shows how white text looks on a background with the Hex color 70E7C3.

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
7EE0F2

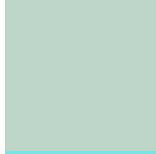
Trichromacy



Original Color
70E7C3



Protanomaly
B3D8BB



Deuteranomaly
BCD5C7

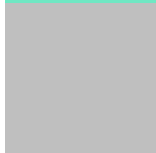


Tritanomaly
79E3E1

Monochromacy



Original Color
70E7C3



Achromatopsia
BFBFBF



Achromatomaly
A2CEC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E7C3 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 #70E7C3 looks like.

```
.text, #text, p{  
    color:#70E7C3  
}
```

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 #70E7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E7C3
}
```

Border

The CSS property to change the border of an element to Hex 70E7C3 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
#70E7C3 }
```

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

```
.border{ border-color:#70E7C3 }
```

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

Here you see how a box with a 4 pixel #70E7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E7C3; -webkit-box-shadow:4px 4px  
4px 4px #70E7C3; box-shadow:4px 4px 4px  
4px #70E7C3 }
```

Background

The CSS property to change the background color of an element to Hex 70E7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E7C3 }
```

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

```
.background{ background-color:#70E7C3 }
```

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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