

Converting Colors

Hex(70E2AB)

Have a look what the booklet for
Hex(70E2AB) contains.

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Color

Hex(70E2AB)

Conversions

Conversions Part 1

Format	Color
Hex	70E2AB
RGB	112, 226, 171
RGB Percent	44%, 89%, 67%
CMY	0.5608, 0.1137, 0.3294
CMYK	0.50, 0.00, 0.24, 0.11
HSL	151°, 66%, 66%
HSV	151°, 50%, 89%
XYZ	41.2291, 60.7777, 48.0864
YIQ	185.6440, -50.2890, -41.2730

Conversions

Conversions Part 2

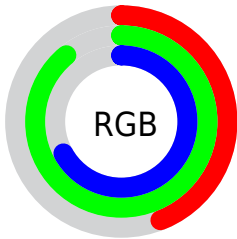
Format	Color
RYB	112, 187, 226
Decimal	7398059
CIELab	82.26, -45.04, 17.11
CIElCh	82, 48.176, 159.202
Yxy	60.7777, 0.2747, 0.4049
Android (android.graphics.Color)	4285588139 (0xFF70E2AB)
YUV	185.6440, -7.2195, -64.5858
Hunter-Lab	77.9601, -42.0305, 18.0015

Details

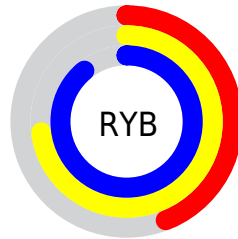
The Hex color **70E2AB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E270A7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **AAFFE2**, and **32AA77** is the 20% darker color. If you saturate the color by 10%, you get **59E2A0**, and if you desaturate by 10%, it is **87E2B6**.

Distribution



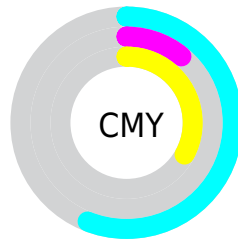
- Red (44%)
- Green (89%)
- Blue (67%)



- Red (44%)
- Yellow (73%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E2AB 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 70E2AB by changing the saturation by 10% instead.

 70E2AB

 70E2AB

FFFFFF

 52C690

 AAFFE2

 32AA77

 C7FFFF

 008F5E

 E5FFFF

 007546

 005B2F

 00421A

 002C00

 000F00

 000000

 70E2AB

 70E2AB

 59E2A0

 87E2B6

 43E295

 9DE2C1

 2CE28A

 B4E2CC

 16E27F

 CAE2D7

 00E275

 E1E2E2

 F8E2EC

 FFE2F7

 FFE2FF

Harmonies

Analogous

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



ABDB85



70E2AB



00E5DA

Triad

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



70E2AB



9FCCFF



FFB096

Complementary

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



70E2AB



E270A7

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.



FFA8C0



70E2AB



E3BCFF

Square

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



70E2AB



40DAFF



FFADEE



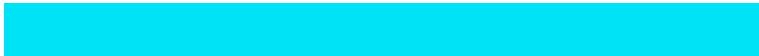
FFBF78

Rectangle

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



70E2AB



00E3F7



FFADEE



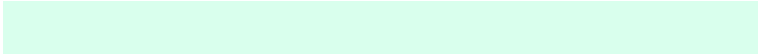
FFACA3

Sweetspot

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



70E2AB



D9FFED



A7E270



698074



000000



808080

Same Dimension

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



70E2AB



63FFB4



70E0E2



65706B



00B05B



003019

Inverse Universe

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



E270A7



FF63AE



E27270



70656A



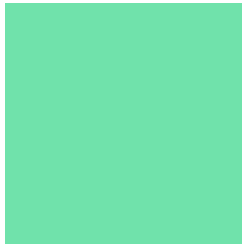
B00055



300017

Previews

White Background



This preview shows how the Hex color 70E2AB 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 70E2AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

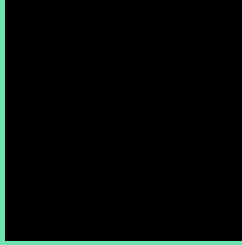
Any Text WCAG AA ✓ Pass

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 70E2AB Background



This preview shows how black text looks on a background with the Hex color 70E2AB.

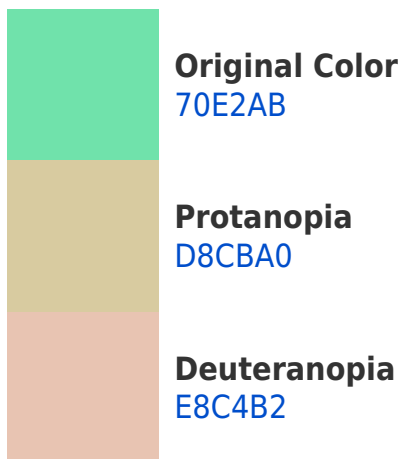


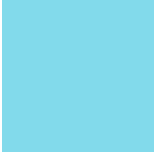
This preview shows how white text looks on a background with the Hex color 70E2AB.

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
82DAEB

Trichromacy



Original Color
70E2AB



Protanomaly
B2D3A4



Deuteranomaly
BCCFAF



Tritanomaly
7BDDD4

Monochromacy



Original Color
70E2AB



Achromatopsia
BABABA



Achromatomaly
9FC9B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E2AB 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 #70E2AB looks like.

```
.text, #text, p{  
    color:#70E2AB  
}
```

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 #70E2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E2AB
}
```

Border

The CSS property to change the border of an element to Hex 70E2AB 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
#70E2AB }
```

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

```
.border{ border-color:#70E2AB }
```

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

Here you see how a box with a 4 pixel #70E2AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E2AB; -webkit-box-shadow:4px 4px  
4px 4px #70E2AB; box-shadow:4px 4px 4px  
4px #70E2AB }
```

Background

The CSS property to change the background color of an element to Hex 70E2AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E2AB }
```

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

```
.background{ background-color:#70E2AB }
```

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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