

Converting Colors

Hex(71E2AD)

Have a look what the booklet for
Hex(71E2AD) contains.

Hex(71E2AD)	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(71E2AD)

Conversions

Conversions Part 1

Format	Color
Hex	71E2AD
RGB	113, 226, 173
RGB Percent	44%, 89%, 68%
CMY	0.5569, 0.1137, 0.3216
CMYK	0.50, 0.00, 0.23, 0.11
HSL	152°, 66%, 66%
HSV	152°, 50%, 89%
XYZ	41.5492, 60.9206, 49.1041
YIQ	186.1710, -50.3350, -40.4390

Conversions

Conversions Part 2

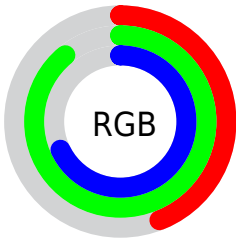
Format	Color
RYB	113, 187, 226
Decimal	7463597
CIELab	82.34, -44.39, 16.17
CIELCh	82, 47.245, 159.983
Yxy	60.9206, 0.2741, 0.4019
Android (android.graphics.Color)	4285653677 (0xFF71E2AD)
YUV	186.1710, -6.4933, -64.1710
Hunter-Lab	78.0516, -41.5694, 17.3354

Details

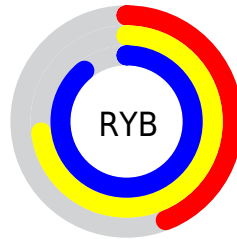
The Hex color **71E2AD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E271A6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **ABFFE5**, and **34AA79** is the 20% darker color. If you saturate the color by 10%, you get **5AE2A2**, and if you desaturate by 10%, it is **88E2B8**.

Distribution



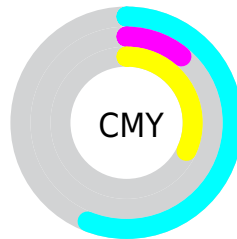
- Red (44%)
- Green (89%)
- Blue (68%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71E2AD 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 71E2AD by changing the saturation by 10% instead.

 71E2AD

 71E2AD


FFFFFF

 54C692

 ABFFE5

 34AA79

 C8FFFF

 018F60

 E6FFFF

 007548

 005B31

 00431C

 002C03

 000F00

 000000

 71E2AD

 71E2AD

 5AE2A2

 88E2B8

 44E298

 9EE2C2

 2DE28D

 B5E2CD

 17E283

 CBE2D7

 00E278

 E2E2E2

 F9E2ED

 FFE2F7

 FFE2FF

Harmonies

Analogous

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



AADB87



71E2AD



13E4DB

Triad

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



71E2AD



A3CCFF



FFB196

Complementary

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



71E2AD



E271A6

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.



FFAAC0



71E2AD



E5BCFF

Square

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



71E2AD



4ADAFF



FFAEEC



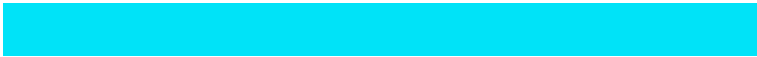
FFC07A

Rectangle

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



71E2AD



00E3F8



FFAEEC



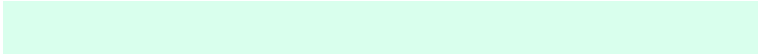
FFAEA3

Sweetspot

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



71E2AD



D9FFED



A8E271



698075



000000



808080

Same Dimension

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



71E2AD



66FFB7



71E0E2



65706B



00B05D



00301A

Inverse Universe

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



E271A6



FF66AE



E27371



70656A



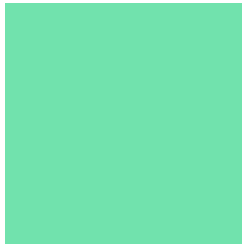
B00053



300017

Previews

White Background



This preview shows how the Hex color 71E2AD looks on a white background.

Color Contrast Check

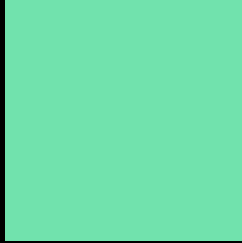
Large Text (above 18pt) WCAG AA × Fail

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 71E2AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

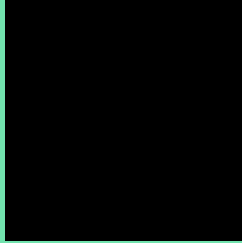
Any Text WCAG AA ✓ Pass

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 71E2AD Background



This preview shows how black text looks on a background with the Hex color 71E2AD.

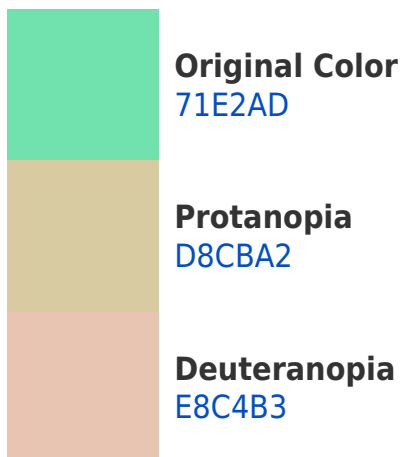


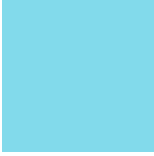
This preview shows how white text looks on a background with the Hex color 71E2AD.

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

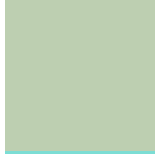
Trichromacy



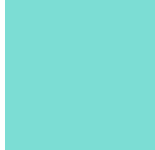
Original Color
71E2AD



Protanomaly
B3D3A6



Deuteranomaly
BDCFB1



Tritanomaly
7CDDD4

Monochromacy



Original Color
71E2AD



Achromatopsia
BABABA



Achromatomaly
9FC9B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 71E2AD 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 #71E2AD looks like.

```
.text, #text, p{  
    color:#71E2AD  
}
```

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 #71E2AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E2AD
}
```

Border

The CSS property to change the border of an element to Hex 71E2AD 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
#71E2AD }
```

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

```
.border{ border-color:#71E2AD }
```

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

Here you see how a box with a 4 pixel #71E2AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E2AD; -webkit-box-shadow:4px 4px  
4px 4px #71E2AD; box-shadow:4px 4px 4px  
4px #71E2AD }
```

Background

The CSS property to change the background color of an element to Hex 71E2AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E2AD }
```

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

```
.background{ background-color:#71E2AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor