

Converting Colors

Hex(72E1AE)

Have a look what the booklet for
Hex(72E1AE) contains.

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Color

Hex(72E1AE)

Conversions

Conversions Part 1

Format	Color
Hex	72E1AE
RGB	114, 225, 174
RGB Percent	45%, 88%, 68%
CMY	0.5529, 0.1176, 0.3176
CMYK	0.49, 0.00, 0.23, 0.12
HSL	152°, 65%, 66%
HSV	152°, 49%, 88%
XYZ	41.5046, 60.4838, 49.5314
YIQ	185.9970, -49.7850, -39.3930

Conversions

Conversions Part 2

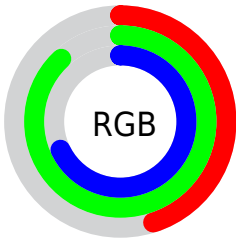
Format	Color
RYB	114, 186, 225
Decimal	7528878
CIELab	82.10, -43.51, 15.32
CIELCh	82, 46.131, 160.601
Yxy	60.4838, 0.2739, 0.3992
Android (android.graphics.Color)	4285718958 (0xFF72E1AE)
YUV	185.9970, -5.9145, -63.1414
Hunter-Lab	77.7713, -40.8389, 16.6790

Details

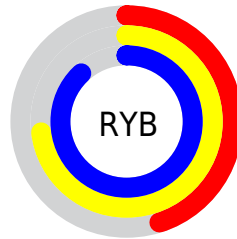
The Hex color **72E1AE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E172A5**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **ACFFE6**, and **35A979** is the 20% darker color. If you saturate the color by 10%, you get **5CE1A4**, and if you desaturate by 10%, it is **89E1B8**.

Distribution



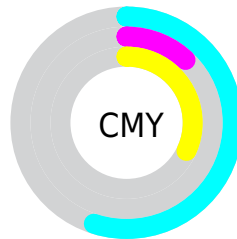
- Red (45%)
- Green (88%)
- Blue (68%)



- Red (45%)
- Yellow (73%)
- Blue (88%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (55%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72E1AE 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 72E1AE by changing the saturation by 10% instead.

 72E1AE

 72E1AE


FFFFFF

 55C593

 ACFFE6

 35A979

 C9FFFF

 068E61


 E6FFFF

 007449

 005A32

 00421C

 002C04

 000E00

 000000

 72E1AE

 72E1AE

 5CE1A4

 89E1B8

 45E199

 9FE1C3

 2FE18F

 B6E1CD

 18E185

 CCE1D7

 02E17A

 E3E1E2

 00E17A

 F9E1EC

 FFE1F6

 FFE1FF

Harmonies

Analogous

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



AADA89



72E1AE



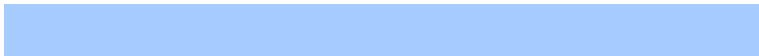
21E3DB

Triad

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



72E1AE



A5CBFF



FFB296

Complementary

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



72E1AE



E172A5

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.



FFAABE



72E1AE



E5BBFF

Square

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



72E1AE



52D8FF



FFAEEA



FFC07B

Rectangle

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



72E1AE



00E2F7



FFAEEA



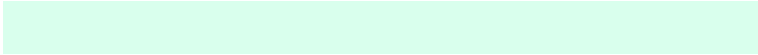
FFAEA2

Sweetspot

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



72E1AE



D9FFED



A6E172



698075



000000



808080

Same Dimension

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



72E1AE



69FFBA



72DDE1



65706B



00B05F



00301A

Inverse Universe

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



E172A5



FF69AE



E17672



70656A



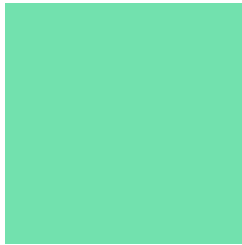
B00051



300016

Previews

White Background



This preview shows how the Hex color 72E1AE 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 72E1AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

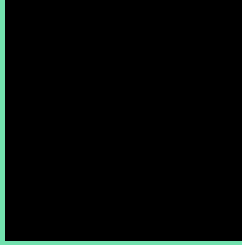
Any Text WCAG AA ✓ Pass

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 72E1AE Background



This preview shows how black text looks on a background with the Hex color 72E1AE.

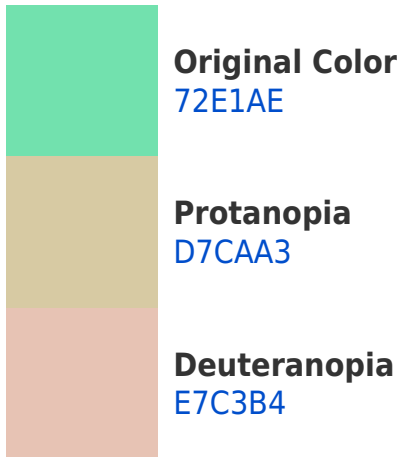


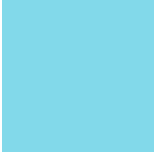
This preview shows how white text looks on a background with the Hex color 72E1AE.

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
82D9EA

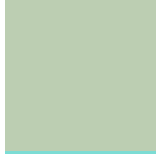
Trichromacy



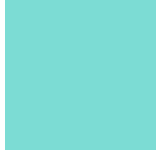
Original Color
72E1AE



Protanomaly
B2D2A7



Deuteranomaly
BCCEB2

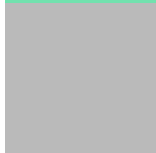


Tritanomaly
7CD4D4

Monochromacy



Original Color
72E1AE



Achromatopsia
BABABA



Achromatomaly
A0C8B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 72E1AE 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 #72E1AE looks like.

```
.text, #text, p{  
    color:#72E1AE  
}
```

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 #72E1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E1AE
}
```

Border

The CSS property to change the border of an element to Hex 72E1AE 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
#72E1AE }
```

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

```
.border{ border-color:#72E1AE }
```

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

Here you see how a box with a 4 pixel #72E1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E1AE; -webkit-box-shadow:4px 4px  
4px 4px #72E1AE; box-shadow:4px 4px 4px  
4px #72E1AE }
```

Background

The CSS property to change the background color of an element to Hex 72E1AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E1AE }
```

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

```
.background{ background-color:#72E1AE }
```

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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