

# Converting Colors

Hex(72E3AB)

Have a look what the booklet for  
Hex(72E3AB) contains.

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**Color**

**Hex(72E3AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72E3AB
RGB	114, 227, 171
RGB Percent	45%, 89%, 67%
CMY	0.5529, 0.1098, 0.3294
CMYK	0.50, 0.00, 0.25, 0.11
HSL	150°, 67%, 67%
HSV	150°, 50%, 89%
XYZ	41.7592, 61.4559, 48.1893
YIQ	186.8290, -49.3720, -41.3720

# Conversions

## Conversions Part 2

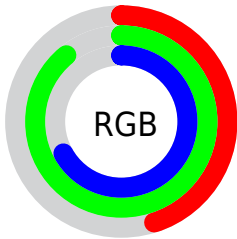
Format	Color
<a href="#">RYB</a>	<a href="#">114, 189, 227</a>
Decimal	<a href="#">7529387</a>
CIELab	<a href="#">82.62, -44.99, 17.63</a>
CIELCh	<a href="#">83, 48.320, 158.607</a>
Yxy	<a href="#">61.4559, 0.2758, 0.4059</a>
Android (android.graphics.Color)	<a href="#">4285719467 (0xFF72E3AB)</a>
YUV	<a href="#">186.8290, -7.8037, -63.8710</a>
Hunter-Lab	<a href="#">78.3938, -42.1048, 18.4296</a>

# Details

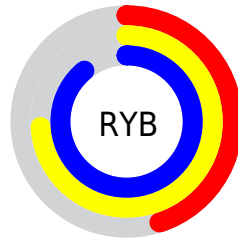
The Hex color **72E3AB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E372AA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ACFFE2**, and **35AB77** is the 20% darker color. If you saturate the color by 10%, you get **5BE3A0**, and if you desaturate by 10%, it is **89E3B6**.

# Distribution



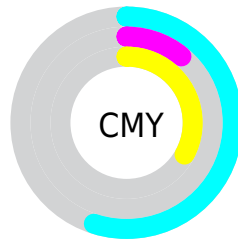
- Red (45%)
- Green (89%)
- Blue (67%)



- Red (45%)
- Yellow (74%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72E3AB 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 72E3AB by changing the saturation by 10% instead.



 72E3AB

 72E3AB


FFFFFF

 55C790

 ACFFE2

 35AB77

 C9FFFF

 04905E

 E7FFFF

 007546

 005C2F

 00431A

 002D00

 001100

 000000

 72E3AB

 72E3AB

 5BE3A0

 89E3B6

 45E395

 9FE3C1

 2EE389

 B6E3CD

 17E37E

 CDE3D8

 01E373

 E4E3E3

 00E373

 FAE3EE

 FFE3FA

 FFE3FF

# Harmonies

## Analogous

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



ADD886



72E3AB



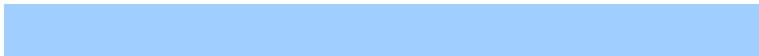
03E6DA

# Triad

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



72E3AB



9FCEFF



FFB197

# Complementary

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



72E3AB



E372AA

# 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.



FFA9C2



72E3AB



E3BDFE

# Square

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



72E3AB



3EDBFF



FFAEF0



FFC079

# Rectangle

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



72E3AB



00E5F8



FFAEF0



FFADA5

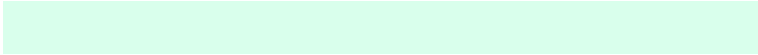


# Sweetspot

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



72E3AB



D9FFEC



ABE372



698074



000000



808080



# Same Dimension

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



72E3AB



66FFB3



72E3E3



67736D



00B35A



00331A



# Inverse Universe

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



E372AA



FF66B2



E37272



73676D



B30058

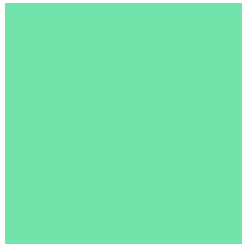


330019



# Previews

## White Background



This preview shows how the Hex color 72E3AB looks on a white background.

## Color Contrast Check

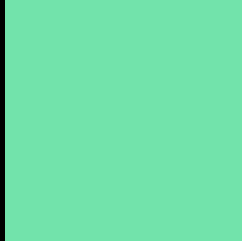
Large Text (above 18pt) WCAG AA × Fail

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 72E3AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

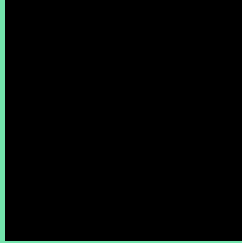
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72E3AB Background



This preview shows how black text looks on a background with the Hex color 72E3AB.

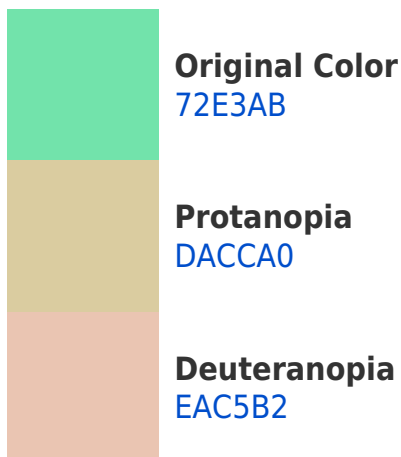


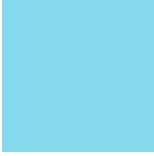
This preview shows how white text looks on a background with the Hex color 72E3AB.

# 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**  
84DAEC

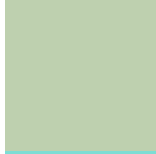
# Trichromacy



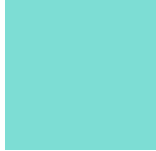
**Original Color**  
72E3AB



**Protanomaly**  
B4D4A4



**Deuteranomaly**  
BED0AF

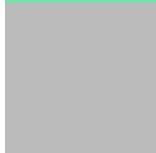


**Tritanomaly**  
7DDDD4

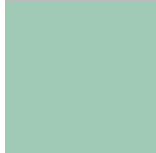
# Monochromacy



**Original Color**  
72E3AB



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A0CAB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72E3AB 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 #72E3AB looks like.

```
.text, #text, p{  
    color:#72E3AB  
}
```

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 #72E3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E3AB
}
```

## Border

The CSS property to change the border of an element to Hex 72E3AB 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
#72E3AB }
```

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

```
.border{ border-color:#72E3AB }
```

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

Here you see how a box with a 4 pixel #72E3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E3AB; -webkit-box-shadow:4px 4px  
4px 4px #72E3AB; box-shadow:4px 4px 4px  
4px #72E3AB }
```

# Background

The CSS property to change the background color of an element to Hex 72E3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E3AB }
```

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

```
.background{ background-color:#72E3AB }
```

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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