

Converting Colors

Hex(72E4E0)

Have a look what the booklet for
Hex(72E4E0) contains.

Hex(72E4E0)	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(72E4E0)

Conversions

Conversions Part 1

Format	Color
Hex	72E4E0
RGB	114, 228, 224
RGB Percent	45%, 89%, 88%
CMY	0.5529, 0.1059, 0.1216
CMYK	0.50, 0.00, 0.02, 0.11
HSL	178°, 68%, 67%
HSV	178°, 50%, 89%
XYZ	48.1374, 64.4460, 80.4232
YIQ	193.4580, -66.6600, -25.4120

Conversions

Conversions Part 2

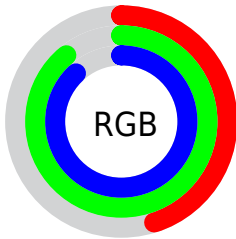
Format	Color
RYB	114, 172, 228
Decimal	7529696
CIELab	84.20, -33.33, -8.03
CIELCh	84, 34.288, 193.551
Yxy	64.4460, 0.2494, 0.3339
Android (android.graphics.Color)	4285719776 (0xFF72E4E0)
YUV	193.4580, 15.0572, -69.6847
Hunter-Lab	80.2783, -33.4528, -3.2023

Details

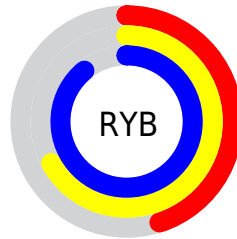
The Hex color **72E4E0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E47276**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **ADFFFF**, and **31ACA9** is the 20% darker color. If you saturate the color by 10%, you get **5BE4DF**, and if you desaturate by 10%, it is **89E4E1**.

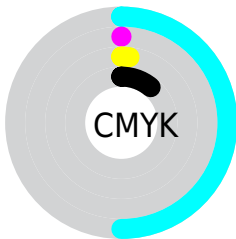
Distribution



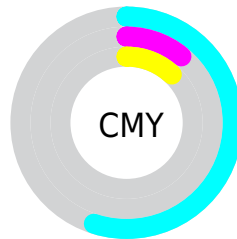
- Red (45%)
- Green (89%)
- Blue (88%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72E4E0 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 72E4E0 by changing the saturation by 10% instead.

 72E4E0

 72E4E0


FFFFFF

 53C8C4

 ADFFFF

 31ACA9

 CBFFFF

 00918E

 E9FFFF

 007775

 005E5C

 004645

 002E2F

 00181A

 000000

 72E4E0

 72E4E0

 5BE4DF

 89E4E1

 44E4DE

 A0E4E2

 2EE4DE

 B6E4E2

 17E4DD

 CDE4E3

 00E4DC

 E4E4E4

 FBE4E5

 FFE4E6

 FFE4E7

Harmonies

Analogous

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



90E3BF



72E4E0



6EE1FD

Triad

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



72E4E0



E9C5FF



F9CA95

Complementary

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



72E4E0



E47276

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.



FFC0A7



72E4E0



FFBCE5

Square

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



72E4E0



BED0FF



FFBAC4



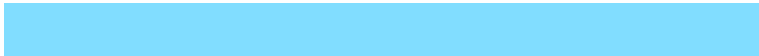
DAD593

Rectangle

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



72E4E0



81DDFF



FFBAC4



FFC699

Sweetspot

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



72E4E0



D9FFFE



78E472



69807F



000000



808080

Same Dimension

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



72E4E0



66FFFA



72B1E4



677372



00B3AC



003331

Inverse Universe

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



E47276



FF666B



E4A572



736768



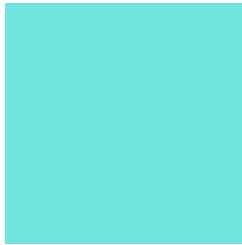
B30006



330002

Previews

White Background



This preview shows how the Hex color 72E4E0 looks on a white background.

Color Contrast Check

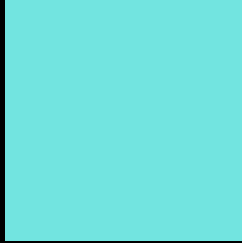
Large Text (above 18pt) WCAG AA × Fail

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 72E4E0 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 72E4E0 Background



This preview shows how black text looks on a background with the Hex color 72E4E0.

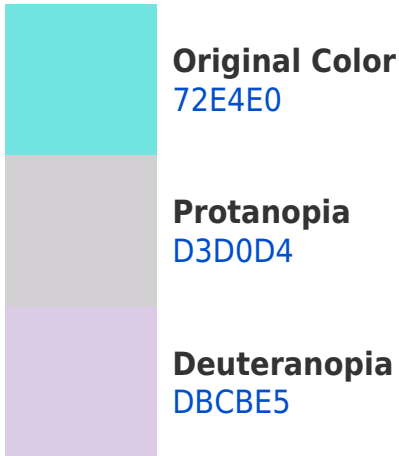


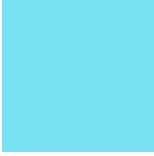
This preview shows how white text looks on a background with the Hex color 72E4E0.

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
78E1F3

Trichromacy



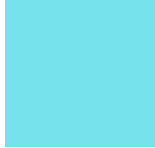
Original Color
72E4E0



Protanomaly
B0D7D8



Deuteranomaly
B5D4E3

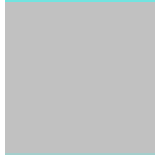


Tritanomaly
76E2EC

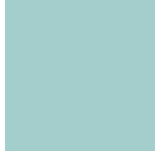
Monochromacy



Original Color
72E4E0



Achromatopsia
C1C1C1



Achromatomaly
A4CECC

CSS Examples

Text

The CSS property to change the color of the text to Hex 72E4E0 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 #72E4E0 looks like.

```
.text, #text, p{  
    color:#72E4E0  
}
```

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 #72E4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E4E0
}
```

Border

The CSS property to change the border of an element to Hex 72E4E0 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
#72E4E0 }
```

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

```
.border{ border-color:#72E4E0 }
```

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

Here you see how a box with a 4 pixel #72E4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E4E0; -webkit-box-shadow:4px 4px  
4px 4px #72E4E0; box-shadow:4px 4px 4px  
4px #72E4E0 }
```

Background

The CSS property to change the background color of an element to Hex 72E4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E4E0 }
```

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

```
.background{ background-color:#72E4E0 }
```

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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