

Converting Colors

Hex(70E6CE)

Have a look what the booklet for
Hex(70E6CE) contains.

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Color

Hex(70E6CE)

Conversions

Conversions Part 1

Format	Color
Hex	70E6CE
RGB	112, 230, 206
RGB Percent	44%, 90%, 81%
CMY	0.5608, 0.0980, 0.1922
CMYK	0.51, 0.00, 0.10, 0.10
HSL	168°, 70%, 67%
HSV	168°, 51%, 90%
XYZ	46.1195, 64.4946, 68.4105
YIQ	191.9820, -62.6240, -32.4800

Conversions

Conversions Part 2

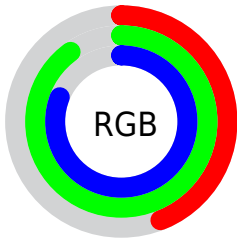
Format	Color
RYB	112, 178, 230
Decimal	7399118
CIELab	84.22, -39.09, 1.50
CIElCh	84, 39.120, 177.802
Yxy	64.4946, 0.2576, 0.3603
Android (android.graphics.Color)	4285589198 (0xFF70E6CE)
YUV	191.9820, 6.9109, -70.1442
Hunter-Lab	80.3085, -38.0312, 5.7100

Details

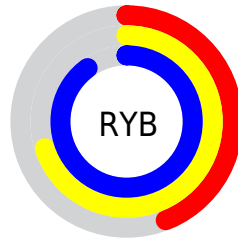
The Hex color **70E6CE** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E67088**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ABFFFF**, and **2FAE98** is the 20% darker color. If you saturate the color by 10%, you get **59E6C9**, and if you desaturate by 10%, it is **87E6D3**.

Distribution



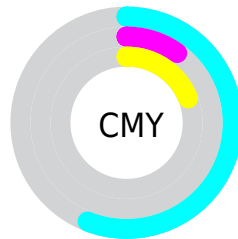
- Red (44%)
- Green (90%)
- Blue (81%)



- Red (44%)
- Yellow (70%)
- Blue (90%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (56%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E6CE 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 70E6CE by changing the saturation by 10% instead.

 70E6CE

 70E6CE


FFFFFF

 51CAB3

 ABFFFF

 2FAE98

 C9FFFF

 00937E

 E7FFFF

 007965

 005F4D

 004736

 002F21

 00180B

 000000

 70E6CE

 70E6CE

 59E6C9

 87E6D3

 42E6C5

 9EE6D7

 2BE6C0

 B5E6DC

 14E6BB

 CCE6E1

 00E6B7

 E3E6E5

 FAE6EA

 FFE6EF

 FFE6F3

 FFE6F8

Harmonies

Analogous

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



9CE2AA



70E6CE



51E5F3

Triad

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



70E6CE



D3CAFF



FFC295

Complementary

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



70E6CE



E67088

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.



FFB9B2



70E6CE



FEBDFA

Square

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



70E6CE



9BD6FF



FFB6D6



EECF88

Rectangle

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



70E6CE



58E2FF



FFB6D6



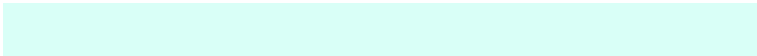
FFBE9D

Sweetspot

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



70E6CE



D9FFF7



8AE670



69807B



000000



808080

Same Dimension

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



70E6CE



61FFDF



70C5E6



677370



00B38E



003329

Inverse Universe

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



E67088



FF6181



E69170



73676A



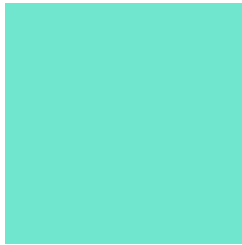
B30024



33000A

Previews

White Background



This preview shows how the Hex color 70E6CE looks on a white background.

Color Contrast Check

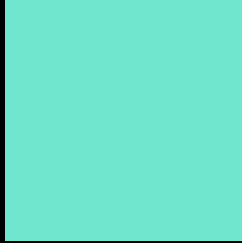
Large Text (above 18pt) WCAG AA × Fail

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 70E6CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

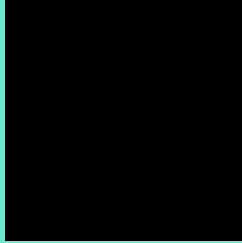
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

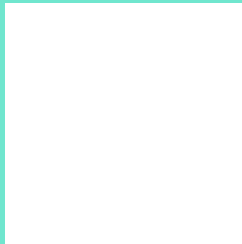
Any Text WCAG AAA ✓ Pass

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

Hex 70E6CE Background



This preview shows how black text looks on a background with the Hex color 70E6CE.



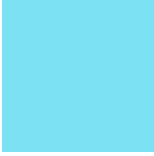
This preview shows how white text looks on a background with the Hex color 70E6CE.

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
7CE1F3

Trichromacy



Original Color
70E6CE



Protanomaly
B2D8C6



Deuteranomaly
B9D4D2

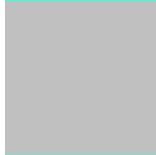


Tritanomaly
78E3E6

Monochromacy



Original Color
70E6CE



Achromatopsia
C0C0C0



Achromatomaly
A3CEC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E6CE 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 #70E6CE looks like.

```
.text, #text, p{  
  color:#70E6CE  
}
```

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 #70E6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E6CE
}
```

Border

The CSS property to change the border of an element to Hex 70E6CE 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
#70E6CE }
```

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

```
.border{ border-color:#70E6CE }
```

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

Here you see how a box with a 4 pixel #70E6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E6CE; -webkit-box-shadow:4px 4px  
4px 4px #70E6CE; box-shadow:4px 4px 4px  
4px #70E6CE }
```

Background

The CSS property to change the background color of an element to Hex 70E6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E6CE }
```

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

```
.background{ background-color:#70E6CE }
```

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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