

Converting Colors

Hex(70EBD8)

Have a look what the booklet for
Hex(70EBD8) contains.

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Color

Hex(70EBD8)

Conversions

Conversions Part 1

Format	Color
Hex	70EBD8
RGB	112, 235, 216
RGB Percent	44%, 92%, 85%
CMY	0.5608, 0.0784, 0.1529
CMYK	0.52, 0.00, 0.08, 0.08
HSL	171°, 75%, 68%
HSV	171°, 52%, 92%
XYZ	48.7851, 67.8193, 75.4849
YIQ	196.0570, -67.2090, -31.9850

Conversions

Conversions Part 2

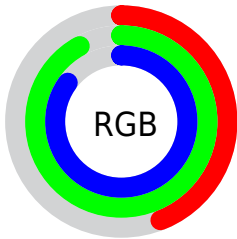
Format	Color
RYB	112, 179, 235
Decimal	7400408
CIELab	85.92, -38.96, -1.29
CIElCh	86, 38.983, 181.900
Yxy	67.8193, 0.2540, 0.3531
Android (android.graphics.Color)	4285590488 (0xFF70EBD8)
YUV	196.0570, 9.8319, -73.7180
Hunter-Lab	82.3525, -38.3745, 3.3010

Details

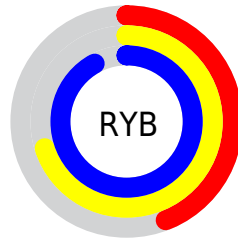
The Hex color **70EBD8** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EB7083**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **ACFFFF**, and **2DB3A1** is the 20% darker color. If you saturate the color by 10%, you get **59EBD4**, and if you desaturate by 10%, it is **88EBDC**.

Distribution



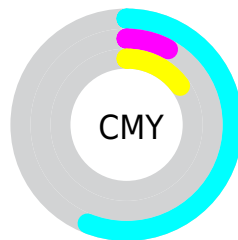
- Red (44%)
- Green (92%)
- Blue (85%)



- Red (44%)
- Yellow (70%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Hex color 70EBD8 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 70EBD8 by changing the saturation by 10% instead.

 70EBD8

 70EBD8

FFFFFF

 51CEBC

 ACFFFF

 2DB3A1

 CAFFFF

 009787

 E8FFFF

 007D6E

 006356

 004B3E

 003329

 001D14

 000000

 70EBD8

 70EBD8

 59EBD4

 88EBDC

 41EBD1

 9FEBDF

 2AEB CD

 B7EBE3

 12EBC9

 CEEBE7

 00EBC7

 E6EBEA

 FDEBEE

 FFEBF1

 FFEBF5

 FFEBF9

Harmonies

Analogous

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



9BE8B3



70EBD8



57EAFD

Triad

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



70EBD8



DFCCFF



FFC997

Complementary

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



70EBD8



EB7083

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.



FFBEB2



70EBD8



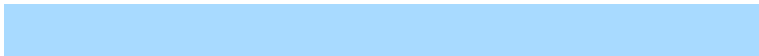
FFC1FA

Square

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



70EBD8



A8DAFF



FFBBD6



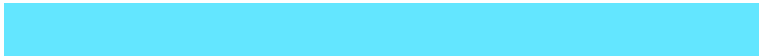
EED58D

Rectangle

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



70EBD8



63E6FF



FFBBD6



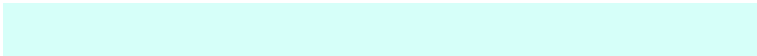
FFC59E

Sweetspot

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



70EBD8



D6FFF9



84EB70



67807C



000000



808080

Same Dimension

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



70EBD8



5EFFE6



70C2EB



6A7573



00B599



00362D

Inverse Universe

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



EB7083



FF5E77



EB9970



756A6B



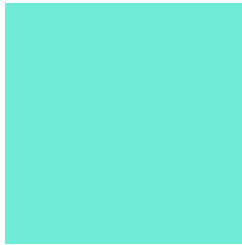
B5001C



360008

Previews

White Background



This preview shows how the Hex color 70EBD8 looks on a white background.

Color Contrast Check

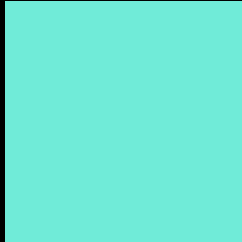
Large Text (above 18pt) WCAG AA × Fail

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 70EBD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

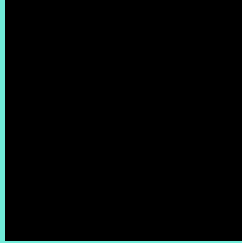
Any Text WCAG AA ✓ Pass

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 70EBD8 Background



This preview shows how black text looks on a background with the Hex color 70EBD8.

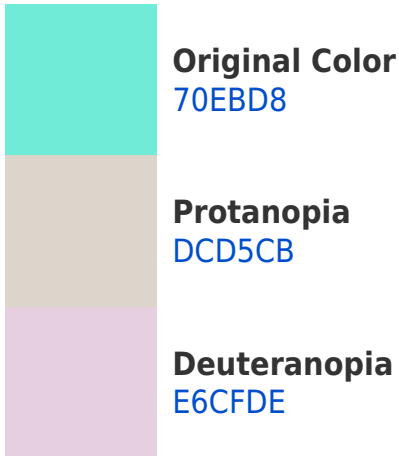


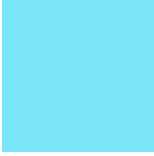
This preview shows how white text looks on a background with the Hex color 70EBD8.

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
7BE6F9

Trichromacy



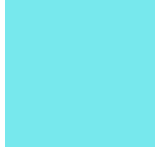
Original Color
70EBD8



Protanomaly
B5DDD0



Deuteranomaly
BBD9DC

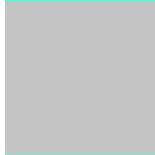


Tritanomaly
77E8ED

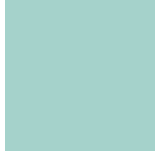
Monochromacy



Original Color
70EBD8



Achromatopsia
C4C4C4



Achromatomaly
A5D2CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 70EBD8 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 #70EBD8 looks like.

```
.text, #text, p{  
    color:#70EBD8  
}
```

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 #70EBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70EBD8  
}
```

Border

The CSS property to change the border of an element to Hex 70EBD8 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  
#70EBD8 }
```

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

```
.border{ border-color:#70EBD8 }
```

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

Here you see how a box with a 4 pixel #70EBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70EBD8; -webkit-box-shadow:4px 4px  
4px 4px #70EBD8; box-shadow:4px 4px 4px  
4px #70EBD8 }
```

Background

The CSS property to change the background color of an element to Hex 70EBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70EBD8 }
```

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

```
.background{ background-color:#70EBD8 }
```

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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