

Converting Colors

Hex(70EAB5)

Have a look what the booklet for
Hex(70EAB5) contains.

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Color

Hex(70EAB5)

Conversions

Conversions Part 1

Format	Color
Hex	70EAB5
RGB	112, 234, 181
RGB Percent	44%, 92%, 71%
CMY	0.5608, 0.0824, 0.2902
CMYK	0.52, 0.00, 0.23, 0.08
HSL	154°, 74%, 68%
HSV	154°, 52%, 92%
XYZ	44.4454, 65.6266, 54.0407
YIQ	191.4800, -55.6990, -42.3470

Conversions

Conversions Part 2

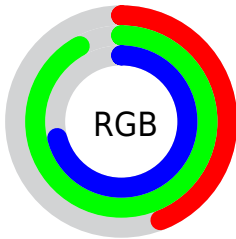
Format	Color
RYB	112, 190, 234
Decimal	7400117
CIELab	84.81, -46.42, 15.45
CIELCh	85, 48.921, 161.586
Yxy	65.6266, 0.2708, 0.3999
Android (android.graphics.Color)	4285590197 (0xFF70EAB5)
YUV	191.4800, -5.1666, -69.7040
Hunter-Lab	81.0102, -43.8358, 17.1557

Details

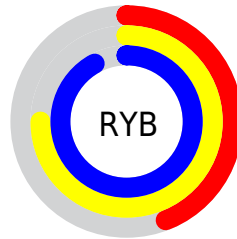
The Hex color **70EAB5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA70A5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ABFFED**, and **30B180** is the 20% darker color. If you saturate the color by 10%, you get **59EAAB**, and if you desaturate by 10%, it is **87EABF**.

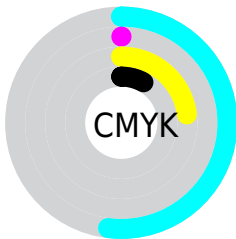
Distribution



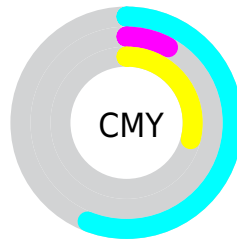
- Red (44%)
- Green (92%)
- Blue (71%)



- Red (44%)
- Yellow (75%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70EAB5 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 70EAB5 by changing the saturation by 10% instead.

 70EAB5

 70EAB5

FFFFFF

 52CD9A

 ABFFED

 30B180

 C8FFFF

 009667

 E6FFFF

 007C4F

 006238

 004922

 00320D

 001900

 000000

 70EAB5

 70EAB5

 59EAAB

 87EABF

 41EAA1

 9FEAC9

 2AEA97

 B6EAD3

 12EA8C

 CEEADE

 00EA84

 E5EAE8

 FCEAF2

 FFEAFC

 FFEAFF

Harmonies

Analogous

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



ADE38D



70EAB5



00ECE5

Triad

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



70EAB5



ACD2FF



FFB899

Complementary

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



70EAB5



EA70A5

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.



FFAFC3



70EAB5



F0C1FF

Square

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



70EAB5



50E1FF



FFB3F2



FFC77C

Rectangle

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



70EAB5



00EBFF



FFB3F2



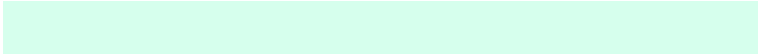
FFB4A6

Sweetspot

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



70EAB5



D6FFED



A7EA70



678075



000000



808080

Same Dimension

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



70EAB5



5EFFB9



70E4EA



6A7570



00B566



00361E

Inverse Universe

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



EA70A5



FF5EA4



EA7670



756A6F



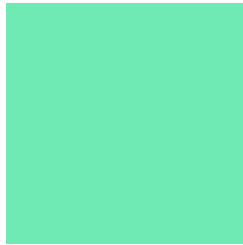
B5004F



360017

Previews

White Background



This preview shows how the Hex color 70EAB5 looks on a white background.

Color Contrast Check

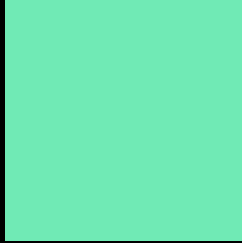
Large Text (above 18pt) WCAG AA × Fail

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 70EAB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

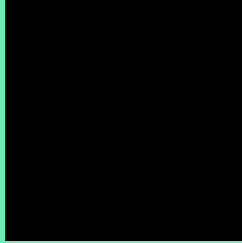
Any Text WCAG AA ✓ Pass

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 70EAB5 Background



This preview shows how black text looks on a background with the Hex color 70EAB5.

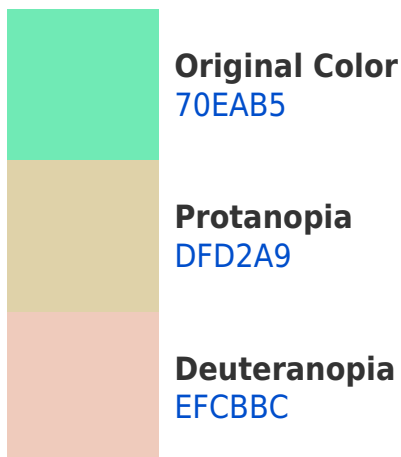


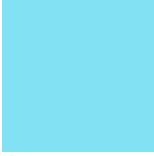
This preview shows how white text looks on a background with the Hex color 70EAB5.

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
82E2F4

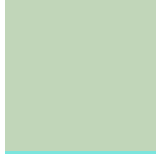
Trichromacy



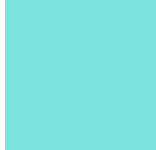
Original Color
70EAB5



Protanomaly
B7DBAD



Deuteranomaly
C1D6B9

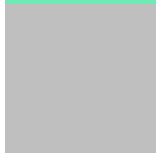


Tritanomaly
7BE5DD

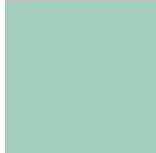
Monochromacy



Original Color
70EAB5



Achromatopsia
BFBFBF



Achromatomaly
A2CFBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 70EAB5 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 #70EAB5 looks like.

```
.text, #text, p{  
    color:#70EAB5  
}
```

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 #70EAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70EAB5
}
```

Border

The CSS property to change the border of an element to Hex 70EAB5 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
#70EAB5 }
```

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

```
.border{ border-color:#70EAB5 }
```

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

Here you see how a box with a 4 pixel #70EAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70EAB5; -webkit-box-shadow:4px 4px  
4px 4px #70EAB5; box-shadow:4px 4px 4px  
4px #70EAB5 }
```

Background

The CSS property to change the background color of an element to Hex 70EAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70EAB5 }
```

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

```
.background{ background-color:#70EAB5 }
```

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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