

Converting Colors

Hex(70EA8C)

Have a look what the booklet for
Hex(70EA8C) contains.

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Color

Hex(70EA8C)

Conversions

Conversions Part 1

Format	Color
Hex	70EA8C
RGB	112, 234, 140
RGB Percent	44%, 92%, 55%
CMY	0.5608, 0.0824, 0.4510
CMYK	0.52, 0.00, 0.40, 0.08
HSL	134°, 74%, 68%
HSV	134°, 52%, 92%
XYZ	40.8385, 64.1838, 35.0472
YIQ	186.8060, -42.5380, -55.0980

Conversions

Conversions Part 2

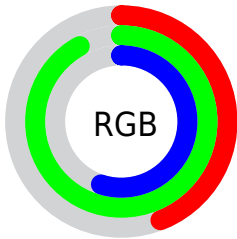
Format	Color
RYB	112, 211, 234
Decimal	7400076
CIELab	84.06, -54.00, 35.45
CIELCh	84, 64.603, 146.715
Yxy	64.1838, 0.2916, 0.4582
Android (android.graphics.Color)	4285590156 (0xFF70EA8C)
YUV	186.8060, -23.0754, -65.6049
Hunter-Lab	80.1148, -49.2105, 30.1432

Details

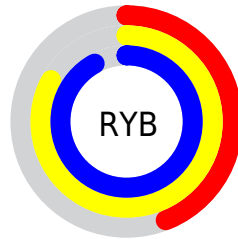
The Hex color **70EA8C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA70CE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ABFFC2**, and **30B158** is the 20% darker color. If you saturate the color by 10%, you get **59EA7A**, and if you desaturate by 10%, it is **87EA9E**.

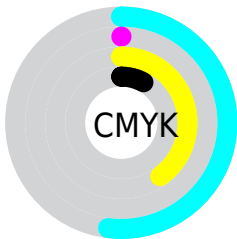
Distribution



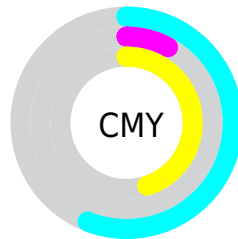
- Red (44%)
- Green (92%)
- Blue (55%)



- Red (44%)
- Yellow (83%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70EA8C 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 70EA8C by changing the saturation by 10% instead.

 70EA8C

 70EA8C

FFFFFF

 52CD72

 ABFFC2

 30B158

 C8FFDF

 009640

 E6FFFC

 007B28

 00610E

 004800

 003100

 001700

 000000

 70EA8C

 70EA8C

 59EA7A

 87EA9E

 41EA68

 9FEAB0

 2AEA56

 B6EAC2

 12EA44

 CEEAD4

 00EA36

 E5EAE6

 FCEAF8

 FFEAFF

Harmonies

Analogous

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



BEDE5F



70EA8C



00F0C9

Triad

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



70EA8C



36DAFF



FFA29E

Complementary

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



70EA8C



EA70CE

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.



FF9DDB



70EA8C



CAC4FF

Square

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



70EA8C



00E9FF



FFACFF



FFB56D

Rectangle

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



70EA8C



00F0F3



FFACFF



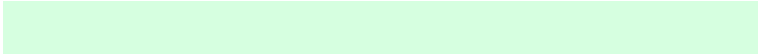
FF9EB2

Sweetspot

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



70EA8C



D6FFE0



D0EA70



67806D



000000



808080

Same Dimension

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



70EA8C



5EFF83



70EAC7



6A756C



00B52A



00360C

Inverse Universe

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



EA70CE



FF5EDA



EA7093



756A73



B5008B



360029

Previews

White Background



This preview shows how the Hex color 70EA8C 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 70EA8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

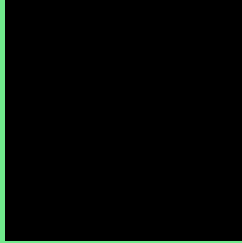
Any Text WCAG AA ✓ Pass

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 70EA8C Background



This preview shows how black text looks on a background with the Hex color 70EA8C.

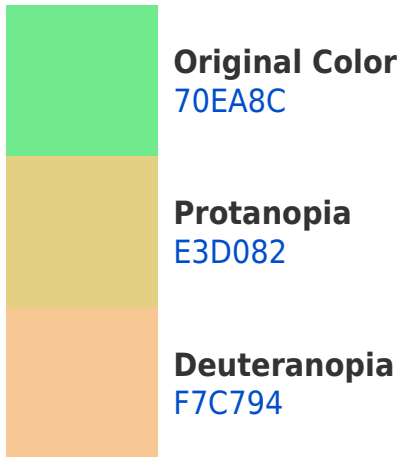


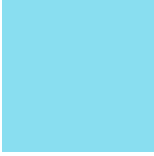
This preview shows how white text looks on a background with the Hex color 70EA8C.

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
89DEF0

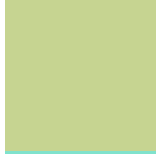
Trichromacy



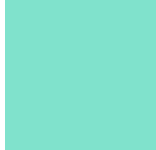
Original Color
70EA8C



Protanomaly
B9D986



Deuteranomaly
C6D491

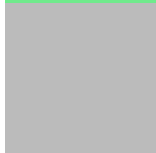


Tritanomaly
80E2CC

Monochromacy



Original Color
70EA8C



Achromatopsia
BBBBBB



Achromatomaly
A0CCAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 70EA8C 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 #70EA8C looks like.

```
.text, #text, p{  
    color:#70EA8C  
}
```

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 #70EA8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70EA8C
}
```

Border

The CSS property to change the border of an element to Hex 70EA8C 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
#70EA8C }
```

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

```
.border{ border-color:#70EA8C }
```

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

Here you see how a box with a 4 pixel #70EA8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70EA8C; -webkit-box-shadow:4px 4px  
4px 4px #70EA8C; box-shadow:4px 4px 4px  
4px #70EA8C }
```

Background

The CSS property to change the background color of an element to Hex 70EA8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70EA8C }
```

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

```
.background{ background-color:#70EA8C }
```

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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