

Converting Colors

Hex(75EC8F)

Have a look what the booklet for
Hex(75EC8F) contains.

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Color

Hex(75EC8F)

Conversions

Conversions Part 1

Format	Color
Hex	75EC8F
RGB	117, 236, 143
RGB Percent	46%, 93%, 56%
CMY	0.5412, 0.0745, 0.4392
CMYK	0.50, 0.00, 0.39, 0.07
HSL	133°, 76%, 69%
HSV	133°, 50%, 93%
XYZ	42.2895, 65.7560, 36.4499
YIQ	189.8170, -41.0710, -54.1510

Conversions

Conversions Part 2

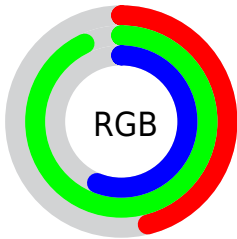
Format	Color
RYB	117, 215, 236
Decimal	7728271
CIELab	84.87, -53.08, 35.05
CIELCh	85, 63.607, 146.565
Yxy	65.7560, 0.2927, 0.4551
Android (android.graphics.Color)	4285918351 (0xFF75EC8F)
YUV	189.8170, -23.0808, -63.8605
Hunter-Lab	81.0901, -48.8176, 30.1123

Details

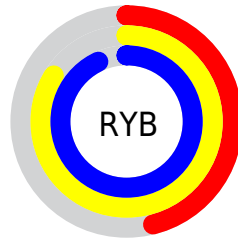
The Hex color **75EC8F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EC75D2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B0FFC6**, and **37B35B** is the 20% darker color. If you saturate the color by 10%, you get **5DEC7D**, and if you desaturate by 10%, it is **8DECA1**.

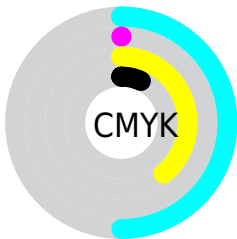
Distribution



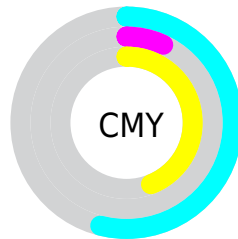
- Red (46%)
- Green (93%)
- Blue (56%)



- Red (46%)
- Yellow (84%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75EC8F 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 75EC8F by changing the saturation by 10% instead.

 75EC8F

 75EC8F

FFFFFF

 57CF75

 B0FFC6

 37B35B

 CDFFE2

 029843

 EBFFFF

 007D2A

 006311

 004A00

 003300

 001A00

 000000

 75EC8F

 75EC8F

 5DEC7D

 8DECA1

 46EC6A

 A4ECB4

 2EEC58

 BCECC6

 17EC45

 D3ECD9

 00EC34

 EBEC EB

 FFECFE

 FFECFF

Harmonies

Analogous

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



C1E063



75EC8F



00F2CB

Triad

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



75EC8F



42DCFF



FFA5A2

Complementary

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



75EC8F



EC75D2

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.



FFA0DD



75EC8F



CCC7FF

Square

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



75EC8F



00EBFF



FFAFFF



FFB871

Rectangle

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



75EC8F



00F2F4



FFAFFF



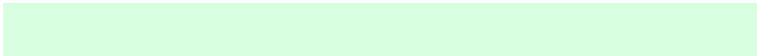
FFA1B5

Sweetspot

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



75EC8F



D9FFE1



D2EC75



69806E



000000



808080

Same Dimension

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



75EC8F



63FF85



75ECCA



6A756C



00B528



00360C

Inverse Universe

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



EC75D2



FF63DD



EC7597



756A73



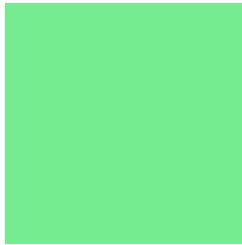
B5008D



36002A

Previews

White Background



This preview shows how the Hex color 75EC8F 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 75EC8F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

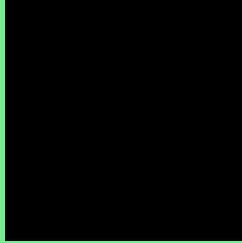
Any Text WCAG AA ✓ Pass

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 75EC8F Background



This preview shows how black text looks on a background with the Hex color 75EC8F.

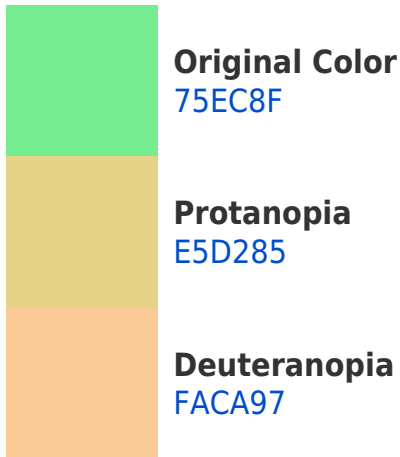


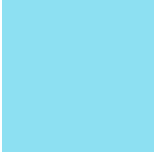
This preview shows how white text looks on a background with the Hex color 75EC8F.

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





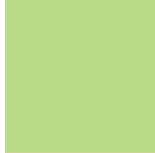
Tritanopia
8DE0F2

Trichromacy



Original Color

75EC8F



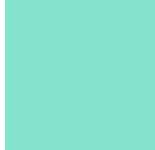
Protanomaly

BCDB89



Deuteranomaly

CAD694



Tritanomaly

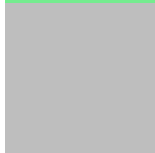
84E4CE

Monochromacy



Original Color

75EC8F



Achromatopsia

BEBEBE



Achromatomaly

A3CFAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 75EC8F 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 #75EC8F looks like.

```
.text, #text, p{  
    color:#75EC8F  
}
```

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 #75EC8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75EC8F
}
```

Border

The CSS property to change the border of an element to Hex 75EC8F 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
#75EC8F }
```

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

```
.border{ border-color:#75EC8F }
```

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

Here you see how a box with a 4 pixel #75EC8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75EC8F; -webkit-box-shadow:4px 4px  
4px 4px #75EC8F; box-shadow:4px 4px 4px  
4px #75EC8F }
```

Background

The CSS property to change the background color of an element to Hex 75EC8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75EC8F }
```

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

```
.background{ background-color:#75EC8F }
```

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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