

Converting Colors

Hex(78E38F)

Have a look what the booklet for
Hex(78E38F) contains.

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Color

Hex(78E38F)

Conversions

Conversions Part 1

Format	Color
Hex	78E38F
RGB	120, 227, 143
RGB Percent	47%, 89%, 56%
CMY	0.5294, 0.1098, 0.4392
CMYK	0.47, 0.00, 0.37, 0.11
HSL	133°, 66%, 68%
HSV	133°, 47%, 89%
XYZ	40.1727, 60.9144, 35.6269
YIQ	185.4310, -36.8080, -48.8080

Conversions

Conversions Part 2

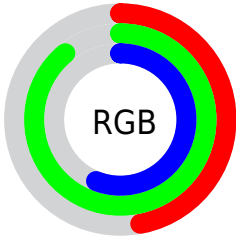
Format	Color
RYB	120, 208, 227
Decimal	7922575
CIELab	82.33, -48.61, 31.72
CIELCh	82, 58.049, 146.875
Yxy	60.9144, 0.2938, 0.4456
Android (android.graphics.Color)	4286112655 (0xFF78E38F)
YUV	185.4310, -20.9185, -57.3830
Hunter-Lab	78.0477, -44.7058, 27.5689

Details

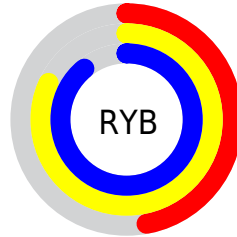
The Hex color **78E38F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E378CC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B1FFC5**, and **3DAB5C** is the 20% darker color. If you saturate the color by 10%, you get **61E37D**, and if you desaturate by 10%, it is **8FE3A1**.

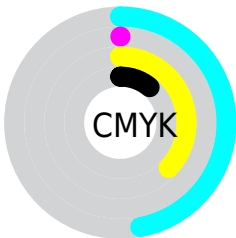
Distribution



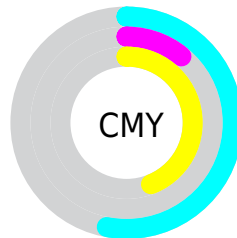
- Red (47%)
- Green (89%)
- Blue (56%)



- Red (47%)
- Yellow (82%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E38F 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 78E38F by changing the saturation by 10% instead.

 78E38F

 78E38F

FFFFFF

 5BC775

 B1FFC5

 3DAB5C

 CFFFE2

 189043

 ECFFFF

 00752B

 005C13

 004300

 002D00

 000F00

 000000

 78E38F

 78E38F

 61E37D

 8FE3A1

 4BE36B

 A5E3B3

 34E35A

 BCE3C4

 1DE348

 D3E3D6

 06E336

 E9E3E8

 00E331

 FFE3FA

 FFE3FF

Harmonies

Analogous

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



BCD868



78E38F



00E8C5

Triad

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



78E38F



59D4FF



FFA39F

Complementary

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



78E38F



E378CC

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.



FF9FD5



78E38F



C8C1FF

Square

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



78E38F



00E2FF



FFACFF



FFB473

Rectangle

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



78E38F



00E9EB



FFACFF



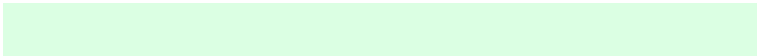
FFA0B0

Sweetspot

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



78E38F



DBFFE3



CEE378



6A806E



000000



808080

Same Dimension

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



78E38F



6EFF8D



78E3C3



67736A



00B326



00330B

Inverse Universe

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



E378CC



FF6EE0



E37898



736770



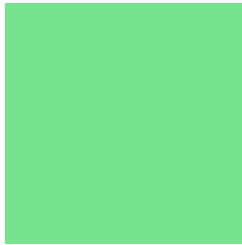
B3008C



330028

Previews

White Background



This preview shows how the Hex color 78E38F 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

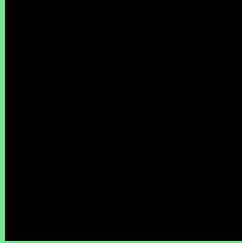
Any Text WCAG AA ✓ Pass

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 78E38F Background



This preview shows how black text looks on a background with the Hex color 78E38F.

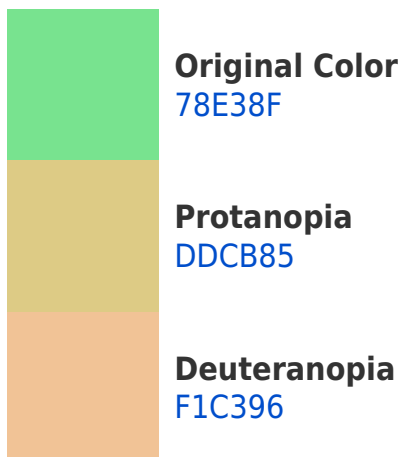


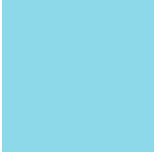
This preview shows how white text looks on a background with the Hex color 78E38F.

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
8DD8E9

Trichromacy



Original Color
78E38F



Protanomaly
B8D489



Deuteranomaly
C5CF93

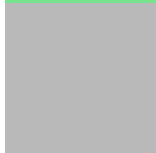


Tritanomaly
85DCC8

Monochromacy



Original Color
78E38F



Achromatopsia
B9B9B9



Achromatomaly
A1C8AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 78E38F 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 #78E38F looks like.

```
.text, #text, p{  
    color:#78E38F  
}
```

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 #78E38F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E38F
}
```

Border

The CSS property to change the border of an element to Hex 78E38F 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
#78E38F }
```

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

```
.border{ border-color:#78E38F }
```

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

Here you see how a box with a 4 pixel #78E38F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E38F; -webkit-box-shadow:4px 4px  
4px 4px #78E38F; box-shadow:4px 4px 4px  
4px #78E38F }
```

Background

The CSS property to change the background color of an element to Hex 78E38F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E38F }
```

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

```
.background{ background-color:#78E38F }
```

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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