

Converting Colors

Hex(77E69F)

Have a look what the booklet for
Hex(77E69F) contains.

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Color

Hex(77E69F)

Conversions

Conversions Part 1

Format	Color
Hex	77E69F
RGB	119, 230, 159
RGB Percent	47%, 90%, 62%
CMY	0.5333, 0.0980, 0.3765
CMYK	0.48, 0.00, 0.31, 0.10
HSL	142°, 69%, 68%
HSV	142°, 48%, 90%
XYZ	42.1626, 63.0188, 42.7425
YIQ	188.7170, -43.3650, -45.6130

Conversions

Conversions Part 2

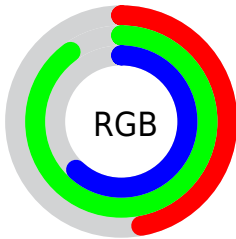
Format	Color
RYB	119, 201, 230
Decimal	7857823
CIELab	83.45, -47.34, 25.03
CIELCh	83, 53.553, 152.137
Yxy	63.0188, 0.2850, 0.4260
Android (android.graphics.Color)	4286047903 (0xFF77E69F)
YUV	188.7170, -14.6505, -61.1418
Hunter-Lab	79.3844, -44.1178, 23.6458

Details

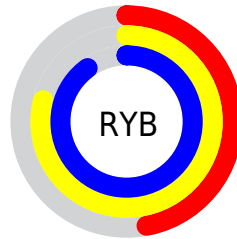
The Hex color **77E69F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E677BE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B1FFD6**, and **3BAE6B** is the 20% darker color. If you saturate the color by 10%, you get **60E690**, and if you desaturate by 10%, it is **8EE6AE**.

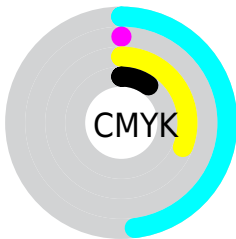
Distribution



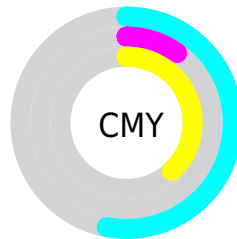
- Red (47%)
- Green (90%)
- Blue (62%)



- Red (47%)
- Yellow (79%)
- Blue (90%)



- Cyan (48%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (53%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E69F 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 77E69F by changing the saturation by 10% instead.

 77E69F

 77E69F

FFFFFF

 5AC985

 B1FFD6

 3BAE6B

 CEFFF3

 149252

 ECFFF5

 00783B

 005E24

 00460D

 002F00

 001400

 000000

 77E69F

 77E69F

 60E690

 8EE6AE

 49E682

 A5E6BC

 32E673

 BCE6CB

 1BE664

 D3E6DA

 04E655

 EAE6E9

 00E653

 FFE6F7

 FFE6FF

Harmonies

Analogous

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



B7DD78



77E69F



00EAD2

Triad

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



77E69F



83D4FF



FFAC9D

Complementary

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



77E69F



E677BE

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.



FFA6CE



77E69F



D9C1FF

Square

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



77E69F



00E2FF



FFAFFF



FFBC77

Rectangle

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



77E69F



00EAF4



FFAFFF



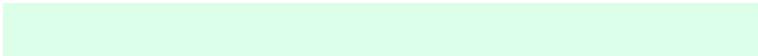
FFA9AD

Sweetspot

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



77E69F



DBFFE8



BFE677



6A8072



000000



808080

Same Dimension

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



77E69F



6BFFA0



77E6D5



67736B



00B340



003312

Inverse Universe

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



E677BE



FF6BCA



E67788



73676F



B30072



330021

Previews

White Background



This preview shows how the Hex color 77E69F looks on a white background.

Color Contrast Check

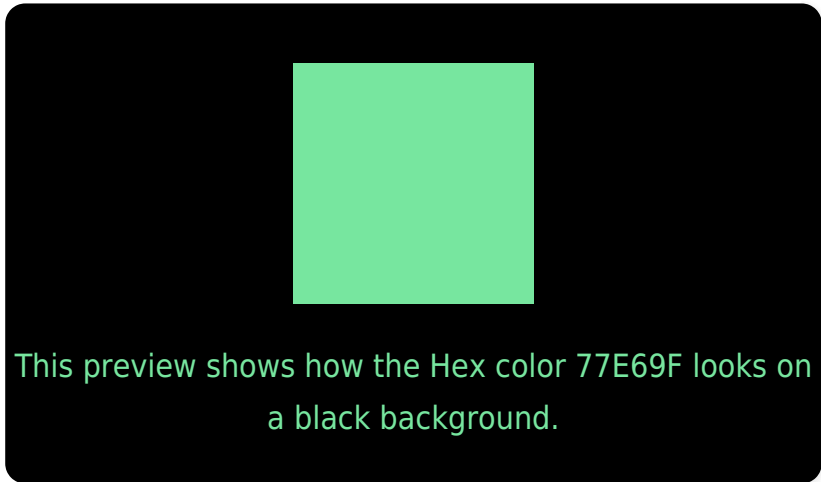
Large Text (above 18pt) WCAG AA × Fail

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

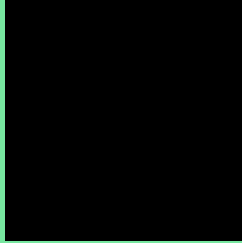
Any Text WCAG AA ✓ Pass

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 77E69F Background



This preview shows how black text looks on a background with the Hex color 77E69F.

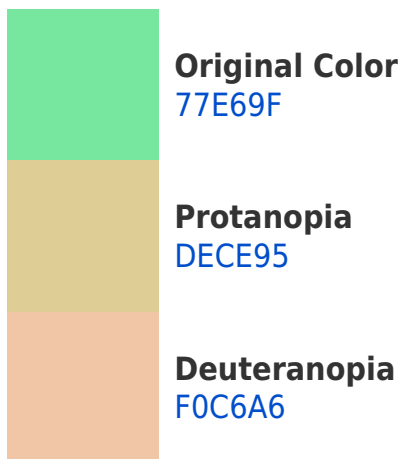


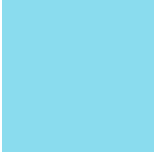
This preview shows how white text looks on a background with the Hex color 77E69F.

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
8ADCEE

Trichromacy



Original Color
77E69F



Protanomaly
B9D799



Deuteranomaly
C4D2A3



Tritanomaly
83E0D1

Monochromacy



Original Color
77E69F



Achromatopsia
BDBDBD



Achromatomaly
A4CCB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E69F 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 #77E69F looks like.

```
.text, #text, p{  
    color:#77E69F  
}
```

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 #77E69F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E69F
}
```

Border

The CSS property to change the border of an element to Hex 77E69F 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
#77E69F }
```

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

```
.border{ border-color:#77E69F }
```

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

Here you see how a box with a 4 pixel #77E69F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E69F; -webkit-box-shadow:4px 4px  
4px 4px #77E69F; box-shadow:4px 4px 4px  
4px #77E69F }
```

Background

The CSS property to change the background color of an element to Hex 77E69F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E69F }
```

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

```
.background{ background-color:#77E69F }
```

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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