

Converting Colors

Hex(77E686)

Have a look what the booklet for
Hex(77E686) contains.

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Color

Hex(77E686)

Conversions

Conversions Part 1

Format	Color
Hex	77E686
RGB	119, 230, 134
RGB Percent	47%, 90%, 53%
CMY	0.5333, 0.0980, 0.4745
CMYK	0.48, 0.00, 0.42, 0.10
HSL	128°, 69%, 68%
HSV	128°, 48%, 90%
XYZ	40.2076, 62.2368, 32.4480
YIQ	185.8670, -35.3400, -53.3880

Conversions

Conversions Part 2

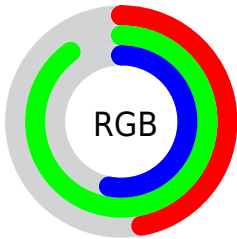
Format	Color
RYB	119, 217, 230
Decimal	7857798
CIELab	83.04, -51.55, 37.17
CIElCh	83, 63.553, 144.209
Yxy	62.2368, 0.2981, 0.4614
Android (android.graphics.Color)	4286047878 (0xFF77E686)
YUV	185.8670, -25.5704, -58.6424
Hunter-Lab	78.8903, -47.0828, 30.8369

Details

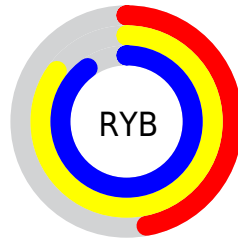
The Hex color **77E686** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E677D7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B1FFBC**, and **3BAE53** is the 20% darker color. If you saturate the color by 10%, you get **60E672**, and if you desaturate by 10%, it is **8EE69A**.

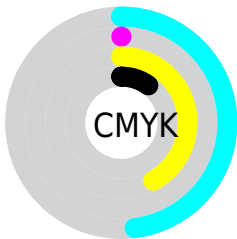
Distribution



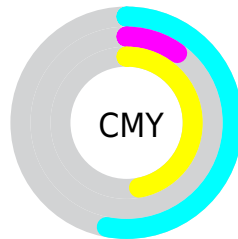
- Red (47%)
- Green (90%)
- Blue (53%)



- Red (47%)
- Yellow (85%)
- Blue (90%)



- Cyan (48%)
- Magenta (0%)
- Yellow (42%)
- Black (10%)



- Cyan (53%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E686 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 77E686 by changing the saturation by 10% instead.

 77E686

 77E686


FFFFFF

 5AC96C

 B1FFBC

 3BAE53

 CEFFD8

 11923A

 ECFFF5

 007821

 005E05

 004500

 002F00

 001300

 000000

 77E686

 77E686

 60E672

 8EE69A

 49E65E

 A5E6AE

 32E64A

 BCE6C2

 1BE636

 D3E6D6

 04E623

 EAE6E9

 00E61F

 FFE6FD

 FFE6FF

Harmonies

Analogous

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



C1DA5C



77E686



00ECC1

Triad

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



77E686



11D9FF



FF9FA1

Complementary

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



77E686



E677D7

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.



FF9CDD



77E686



BFC4FF

Square

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



77E686



00E6FF



FFACFF



FFB16F

Rectangle

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



77E686



00EDEA



FFACFF



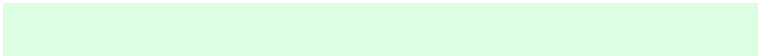
FF9BB5

Sweetspot

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



77E686



DBFFE0



D7E677



6A806D



000000



808080

Same Dimension

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



77E686



6BFF7F



77E6BD



677369



00B318



003307

Inverse Universe

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



E677D7



FF6BEB



E677A0



736771



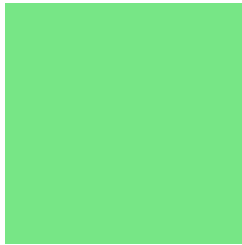
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 77E686 looks on a white background.

Color Contrast Check

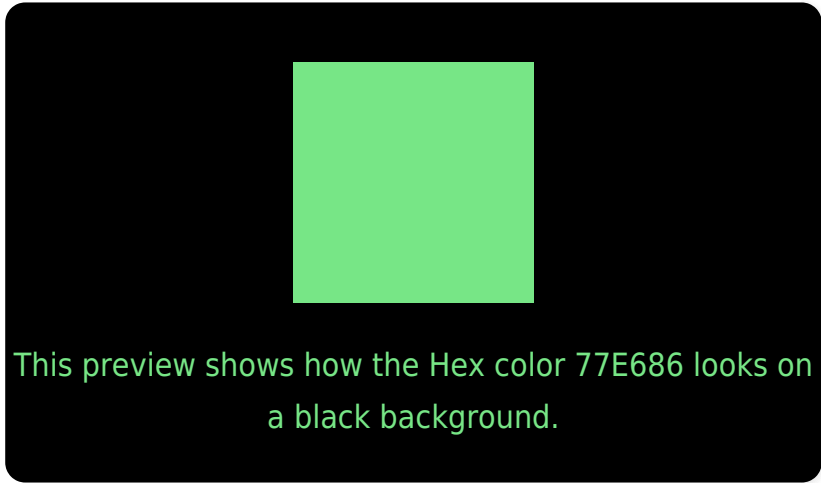
Large Text (above 18pt) WCAG AA × Fail

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

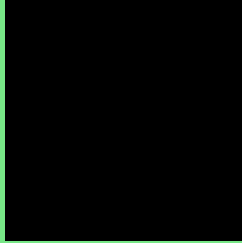
Any Text WCAG AA ✓ Pass

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 77E686 Background



This preview shows how black text looks on a background with the Hex color 77E686.

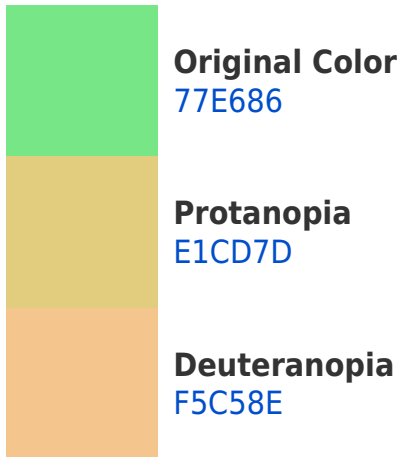


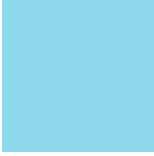
This preview shows how white text looks on a background with the Hex color 77E686.

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



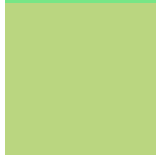


Trichromacy



Original Color

77E686



Protanomaly

BAD680



Deuteranomaly

C7D18B



Tritanomaly

86DEC7

Monochromacy



Original Color

77E686



Achromatopsia

BABABA



Achromatomaly

A2CAA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E686 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 #77E686 looks like.

```
.text, #text, p{  
    color:#77E686  
}
```

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 #77E686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E686
}
```

Border

The CSS property to change the border of an element to Hex 77E686 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
#77E686 }
```

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

```
.border{ border-color:#77E686 }
```

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

Here you see how a box with a 4 pixel #77E686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E686; -webkit-box-shadow:4px 4px  
4px 4px #77E686; box-shadow:4px 4px 4px  
4px #77E686 }
```

Background

The CSS property to change the background color of an element to Hex 77E686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E686 }
```

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

```
.background{ background-color:#77E686 }
```

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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