

Converting Colors

Hex(77EE82)

Have a look what the booklet for
Hex(77EE82) contains.

Hex(77EE82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77EE82)

Conversions

Conversions Part 1

Format	Color
Hex	77EE82
RGB	119, 238, 130
RGB Percent	47%, 93%, 51%
CMY	0.5333, 0.0667, 0.4902
CMYK	0.50, 0.00, 0.45, 0.07
HSL	126°, 78%, 70%
HSV	126°, 50%, 93%
XYZ	42.2115, 66.6827, 31.7654
YIQ	190.1070, -36.2560, -58.8160

Conversions

Conversions Part 2

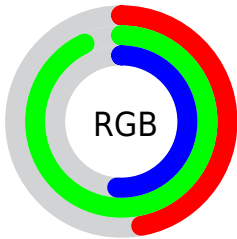
Format	Color
RYB	119, 228, 238
Decimal	7859842
CIELab	85.34, -55.35, 42.08
CIELCh	85, 69.531, 142.753
Yxy	66.6827, 0.3001, 0.4741
Android (android.graphics.Color)	4286049922 (0xFF77EE82)
YUV	190.1070, -29.6328, -62.3608
Hunter-Lab	81.6595, -50.6336, 34.0980

Details

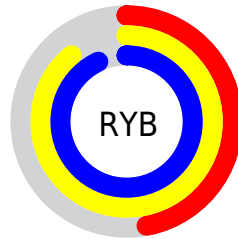
The Hex color **77EE82** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE77E3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B2FFB8**, and **38B54E** is the 20% darker color. If you saturate the color by 10%, you get **5FEE6C**, and if you desaturate by 10%, it is **8FEE98**.

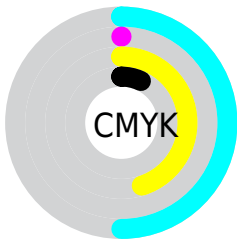
Distribution



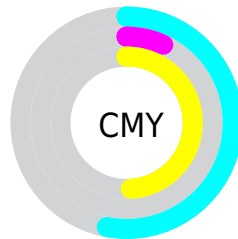
- Red (47%)
- Green (93%)
- Blue (51%)



- Red (47%)
- Yellow (89%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (45%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77EE82 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 77EE82 by changing the saturation by 10% instead.

 77EE82

 77EE82

FFFFFF

 59D168

 B2FFB8

 38B54E

 CFFFD5

 059A35

 EDFFF1

 007F1B

 006500

 004B00

 003400

 001B00

 000000

 77EE82

 77EE82

 5FEE6C

 8FEE98

 47EE57

 A7EEAD

 30EE41

 BEEEC3

 18EE2C

 D6EED8

 00EE16

 EEEEE

 FFEEFF

Harmonies

Analogous

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



C8E154



77EE82



00F5C3

Triad

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



77EE82



00E1FF



FF9EA6

Complementary

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



77EE82



EE77E3

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.



FF9CE8



77EE82



BDCAFF

Square

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



77EE82



00EFFF



FFAFFF



FFB36E

Rectangle

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



77EE82



00F6F0



FFAFFF



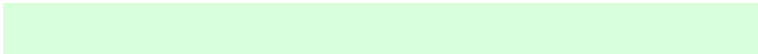
FF9BBC

Sweetspot

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



77EE82



D9FFDC



E4EE77



69806B



000000



808080

Same Dimension

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



77EE82



66FF74



77EEBC



6C786D



00B811



003805

Inverse Universe

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



EE77E3



FF66F1



EE77A9



786C77



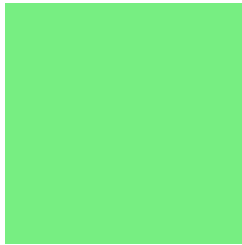
B800A7



380033

Previews

White Background



This preview shows how the Hex color 77EE82 looks on a white background.

Color Contrast Check

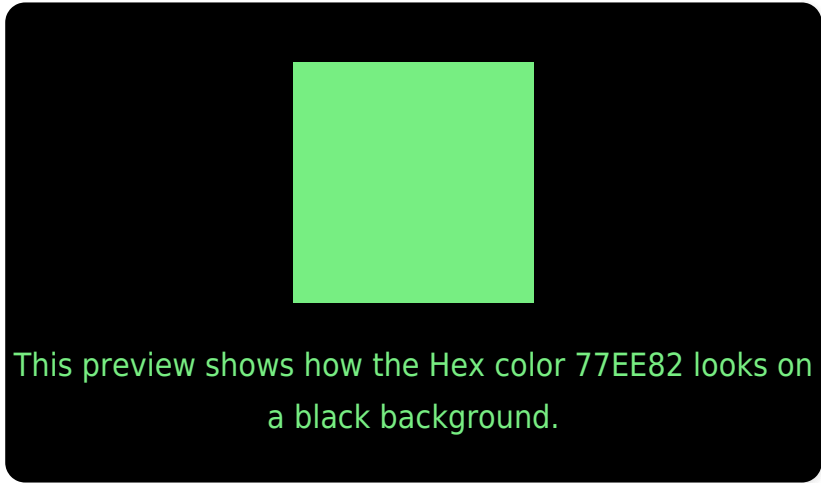
Large Text (above 18pt) WCAG AA × Fail

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

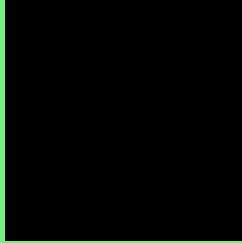
Any Text WCAG AA ✓ Pass

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 77EE82 Background



This preview shows how black text looks on a background with the Hex color 77EE82.

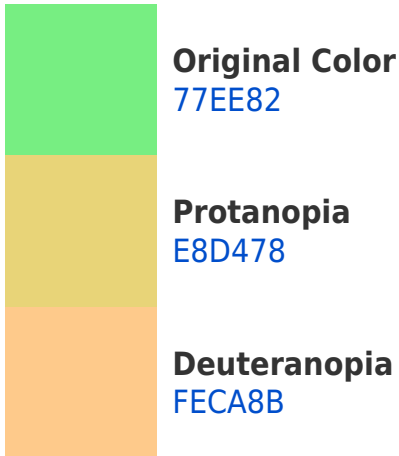


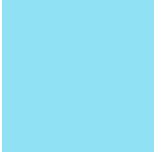
This preview shows how white text looks on a background with the Hex color 77EE82.

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



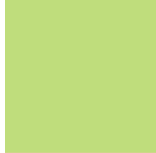


Tritanopia
90E1F3

Trichromacy



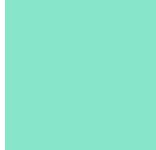
Original Color
77EE82



Protanomaly
BFDD7C



Deuteranomaly
CDD788

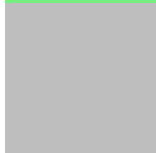


Tritanomaly
87E6CA

Monochromacy



Original Color
77EE82



Achromatopsia
BEBEBE



Achromatomaly
A4CFA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 77EE82 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 #77EE82 looks like.

```
.text, #text, p{  
    color:#77EE82  
}
```

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 #77EE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EE82
}
```

Border

The CSS property to change the border of an element to Hex 77EE82 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
#77EE82 }
```

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

```
.border{ border-color:#77EE82 }
```

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

Here you see how a box with a 4 pixel #77EE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EE82; -webkit-box-shadow:4px 4px  
4px 4px #77EE82; box-shadow:4px 4px 4px  
4px #77EE82 }
```

Background

The CSS property to change the background color of an element to Hex 77EE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EE82 }
```

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

```
.background{ background-color:#77EE82 }
```

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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