

Converting Colors

Hex(77E386)

Have a look what the booklet for
Hex(77E386) contains.

Hex(77E386)	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(77E386)

Conversions

Conversions Part 1

Format	Color
Hex	77E386
RGB	119, 227, 134
RGB Percent	47%, 89%, 53%
CMY	0.5333, 0.1098, 0.4745
CMYK	0.48, 0.00, 0.41, 0.11
HSL	128°, 66%, 68%
HSV	128°, 48%, 89%
XYZ	39.3799, 60.5813, 32.1721
YIQ	184.1060, -34.5150, -51.8190

Conversions

Conversions Part 2

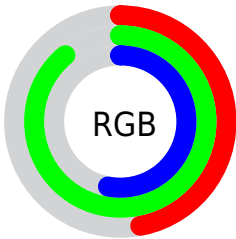
Format	Color
RYB	119, 214, 227
Decimal	7857030
CIELab	82.15, -50.33, 36.02
CIELCh	82, 61.888, 144.408
Yxy	60.5813, 0.2980, 0.4585
Android (android.graphics.Color)	4286047110 (0xFF77E386)
YUV	184.1060, -24.7023, -57.0980
Hunter-Lab	77.8340, -45.8979, 29.9767

Details

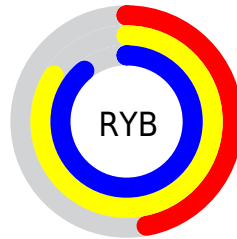
The Hex color **77E386** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E377D4**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B1FFBC**, and **3BAB53** is the 20% darker color. If you saturate the color by 10%, you get **60E372**, and if you desaturate by 10%, it is **8EE39A**.

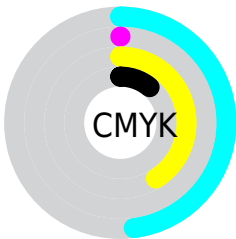
Distribution



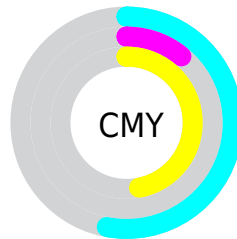
- Red (47%)
- Green (89%)
- Blue (53%)



- Red (47%)
- Yellow (84%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E386 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 77E386 by changing the saturation by 10% instead.

 77E386

 77E386

FFFFFF

 5AC76C

 B1FFBC

 3BAB53

 CEFFD8

 14903A

 EBFFF5

 007522

 005C07

 004300

 002D00

 000E00

 000000

 77E386

 77E386

 60E372

 8EE39A

 4AE35F

 A4E3AD

 33E34B

 BBE3C1

 1CE338

 D2E3D4

 06E324

 E9E3E8

 00E320

 FFE3FB

 FFE3FF

Harmonies

Analogous

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



BFD75D



77E386



00E9BF

Triad

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



77E386



28D6FF



FF9EA0

Complementary

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



77E386



E377D4

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.



FF9BDA



77E386



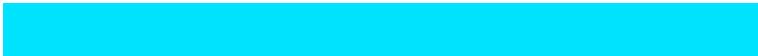
BEC1FF

Square

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



77E386



00E3FF



FFAAFF



FFB06F

Rectangle

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



77E386



00EAE7



FFAAFF



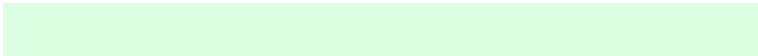
FF9BB2

Sweetspot

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



77E386



DBFFE0



D5E377



6A806D



000000



808080

Same Dimension

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



77E386



6EFF82



77E3BB



677369



00B319



003307

Inverse Universe

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



E377D4



FF6EEB



E3779F



736771



B3009A



33002C

Previews

White Background



This preview shows how the Hex color 77E386 looks on a white background.

Color Contrast Check

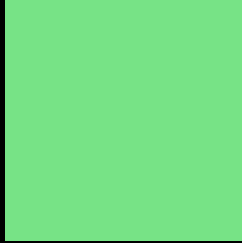
Large Text (above 18pt) WCAG AA × Fail

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 77E386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

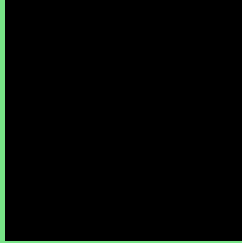
Any Text WCAG AA ✓ Pass

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 77E386 Background



This preview shows how black text looks on a background with the Hex color 77E386.

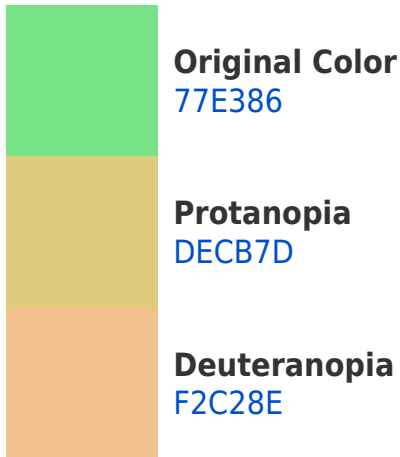


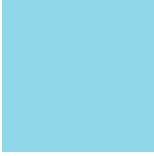
This preview shows how white text looks on a background with the Hex color 77E386.

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





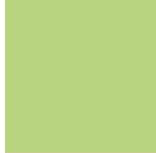
Tritanopia
8DD7E9

Trichromacy



Original Color

77E386



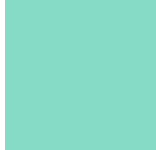
Protanomaly

B9D480



Deuteranomaly

C5CE8B



Tritanomaly

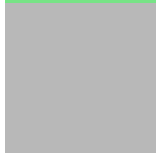
85DBC5

Monochromacy



Original Color

77E386



Achromatopsia

B8B8B8



Achromatomaly

A0C8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E386 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 #77E386 looks like.

```
.text, #text, p{  
    color:#77E386  
}
```

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 #77E386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E386
}
```

Border

The CSS property to change the border of an element to Hex 77E386 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
#77E386 }
```

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

```
.border{ border-color:#77E386 }
```

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

Here you see how a box with a 4 pixel #77E386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E386; -webkit-box-shadow:4px 4px  
4px 4px #77E386; box-shadow:4px 4px 4px  
4px #77E386 }
```

Background

The CSS property to change the background color of an element to Hex 77E386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E386 }
```

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

```
.background{ background-color:#77E386 }
```

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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