

Converting Colors

Hex(77E279)

Have a look what the booklet for
Hex(77E279) contains.

Hex(77E279)	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(77E279)

Conversions

Conversions Part 1

Format	Color
Hex	77E279
RGB	119, 226, 121
RGB Percent	47%, 89%, 47%
CMY	0.5333, 0.1137, 0.5255
CMYK	0.47, 0.00, 0.46, 0.11
HSL	121°, 65%, 68%
HSV	121°, 47%, 89%
XYZ	38.2553, 59.6951, 27.5952
YIQ	182.0370, -30.0670, -55.3390

Conversions

Conversions Part 2

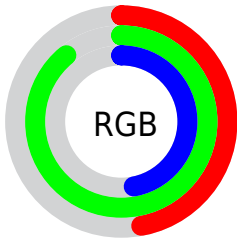
Format	Color
RYB	119, 224, 226
Decimal	7856761
CIELab	81.67, -51.84, 41.83
CIElCh	82, 66.610, 141.095
Yxy	59.6951, 0.3047, 0.4755
Android (android.graphics.Color)	4286046841 (0xFF77E279)
YUV	182.0370, -30.0912, -55.2834
Hunter-Lab	77.2626, -46.8283, 32.9077

Details

The Hex color **77E279** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E277E0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B1FFAF**, and **3BAA46** is the 20% darker color. If you saturate the color by 10%, you get **60E263**, and if you desaturate by 10%, it is **8EE28F**.

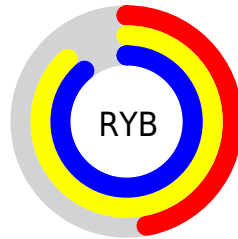
Distribution



Red (47%)

Green (89%)

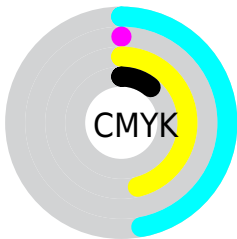
Blue (47%)



Red (47%)

Yellow (88%)

Blue (89%)

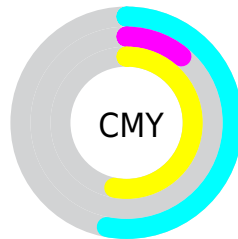


Cyan (47%)

Magenta (0%)

Yellow (46%)

Black (11%)



Cyan (53%)

Magenta (11%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E279 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 77E279 by changing the saturation by 10% instead.

 77E279

 77E279

FFFFFF

 5AC65F

 B1FFAF

 3BAA46

 CEFFCB

 138F2C

 ECFE7

 007411

 005B00

 004200

 002C00

 000B00

 000000

 77E279

 77E279

 60E263

 8EE28F

 4AE24D

 A4E2A5

 33E236

 BBE2BC

 1DE220

 D1E2D2

 06E20A

 E8E2E8

 00E204

 FFE2FE

 FFE2FF

Harmonies

Analogous

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



C3D54F



77E279



00E9B6

Triad

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



77E279



00D7FF



FF96A2

Complementary

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



77E279



E277E0

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.



FF95E0



77E279



AEC2FF

Square

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



77E279



00E4FF



FFA8FF



FFA96B

Rectangle

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



77E279



00EAE1



FFA8FF



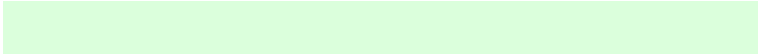
FF93B6

Sweetspot

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



77E279



DBFFDC



E0E277



6A806A



000000



808080

Same Dimension

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



77E279



6EFF70



77E2AE



657065



00B003



003001

Inverse Universe

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



E277E0



FF6EFC



E277AB



706570



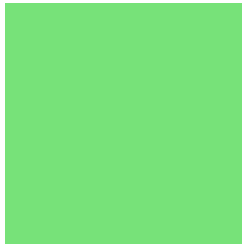
B000AD



300030

Previews

White Background



This preview shows how the Hex color 77E279 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 77E279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

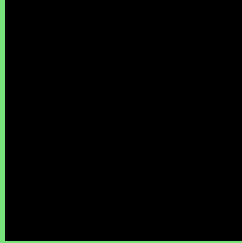
Any Text WCAG AA ✓ Pass

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 77E279 Background



This preview shows how black text looks on a background with the Hex color 77E279.

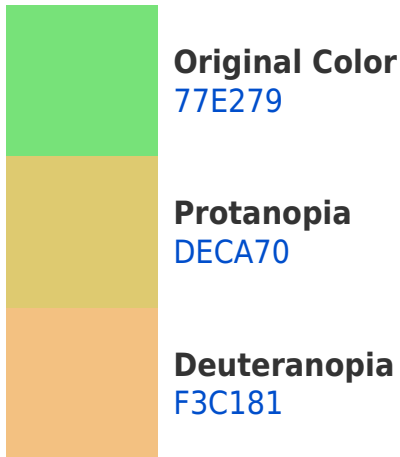


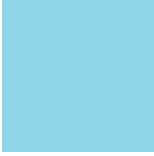
This preview shows how white text looks on a background with the Hex color 77E279.

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





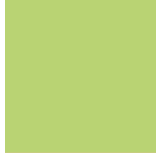
Tritanopia
8ED6E7

Trichromacy



Original Color

77E279



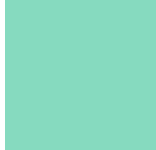
Protanomaly

B9D373



Deuteranomaly

C6CD7E



Tritanomaly

86DABF

Monochromacy



Original Color

77E279



Achromatopsia

B6B6B6



Achromatomaly

9FC6A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E279 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 #77E279 looks like.

```
.text, #text, p{  
    color:#77E279  
}
```

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 #77E279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E279
}
```

Border

The CSS property to change the border of an element to Hex 77E279 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
#77E279 }
```

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

```
.border{ border-color:#77E279 }
```

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

Here you see how a box with a 4 pixel #77E279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E279; -webkit-box-shadow:4px 4px  
4px 4px #77E279; box-shadow:4px 4px 4px  
4px #77E279 }
```

Background

The CSS property to change the background color of an element to Hex 77E279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E279 }
```

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

```
.background{ background-color:#77E279 }
```

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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