

Converting Colors

Hex(77E800)

Have a look what the booklet for
Hex(77E800) contains.

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Color

Hex(77E800)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 77E800 |
| RGB | 119, 232, 0 |
| RGB Percent | 47%, 91%, 0% |
| CMY | 0.5333, 0.0902, 1.0000 |
| CMYK | 0.49, 0.00, 1.00, 0.09 |
| HSL | 89°, 100%, 45% |
| HSV | 89°, 100%, 91% |
| XYZ | 36.4644, 61.6352, 9.9749 |
| YIQ | 171.7650, 7.1240, -96.1080 |

Conversions

Conversions Part 2

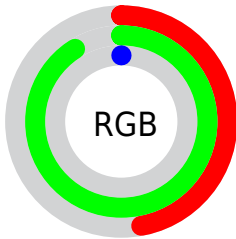
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 232, 113 |
| Decimal | 7858176 |
| CIELab | 82.72, -62.20, 80.05 |
| CIELCh | 83, 101.372, 127.850 |
| Yxy | 61.6352, 0.3374, 0.5703 |
| Android (android.graphics.Color) | 4286048256 (0xFF77E800) |
| YUV | 171.7650, -84.6801, -46.2749 |
| Hunter-Lab | 78.5081, -54.4819, 47.4225 |

Details

The Hex color **77E800** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **7100E8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B4FF58**, and **32AF00** is the 20% darker color. If you saturate the color by 10%, you get **77E800**, and if you desaturate by 10%, it is **82E817**.

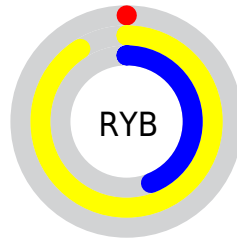
Distribution



Red (47%)

Green (91%)

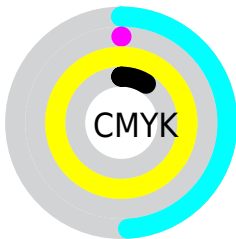
Blue (0%)



Red (0%)

Yellow (91%)

Blue (44%)

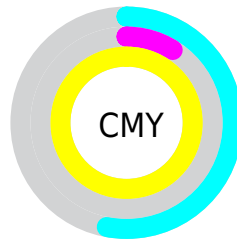


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (53%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E800 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 77E800 by changing the saturation by 10% instead.

 77E800

 77E800


FFFFFF

 57CB00

 B4FF58

 32AF00

 D3FF76

 009400

 F2FF94

 007900


 FFFFB1

 005F00

 FFFFCF

 004600

 FFFFED

 002F00

 001100

 000000

 77E800

 82E817

 8EE82E

 99E846

 A4E85D

 B0E874

 BBE88B

 C6E8A2

 D1E8BA

 DDE8D1

Harmonies

Analogous

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



E0D200



77E800



00F381

Triad

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



77E800



00EBFF



FF5CB9

Complementary

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



77E800



7100E8

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.



FF74FF



77E800



00D2FF

Square

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



77E800



00F6FF



EDA8FF



FF7F5D

Rectangle

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



77E800



00F7C4



EDA8FF



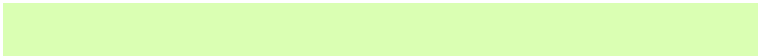
FF5DD9

Sweetspot

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



77E800



DAFFB3



E87000



698052



000000



808080

Same Dimension

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



77E800



83FF00



04E800



6D7367



5CB300



1A3300

Inverse Universe

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



7100E8



7C00FF



E400E8



6D6773



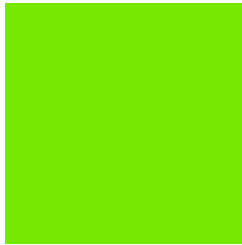
5700B3



190033

Previews

White Background



This preview shows how the Hex color 77E800 looks on a white background.

Color Contrast Check

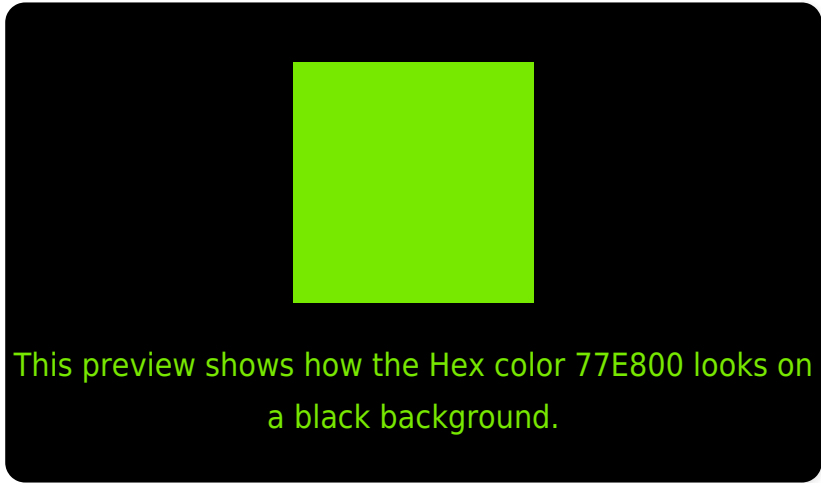
Large Text (above 18pt) WCAG AA × Fail

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 77E800 Background



This preview shows how black text looks on a background with the Hex color 77E800.

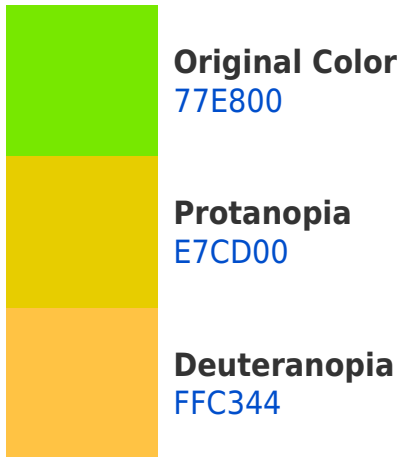


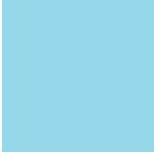
This preview shows how white text looks on a background with the Hex color 77E800.

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](#).

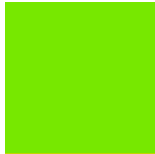
Dichromacy





Tritanopia
95D8E9

Trichromacy



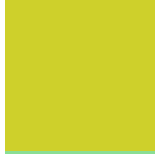
Original Color

77E800



Protanomaly

BED700



Deuteranomaly

CED02B



Tritanomaly

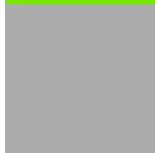
8ADE94

Monochromacy



Original Color

77E800



Achromatopsia

ACACAC



Achromatomaly

99C26D

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E800 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 #77E800 looks like.

```
.text, #text, p{  
    color:#77E800  
}
```

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 #77E800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E800
}
```

Border

The CSS property to change the border of an element to Hex 77E800 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
#77E800 }
```

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

```
.border{ border-color:#77E800 }
```

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

Here you see how a box with a 4 pixel #77E800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E800; -webkit-box-shadow:4px 4px  
4px 4px #77E800; box-shadow:4px 4px 4px  
4px #77E800 }
```

Background

The CSS property to change the background color of an element to Hex 77E800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E800 }
```

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

```
.background{ background-color:#77E800 }
```

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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