

Converting Colors

Hex(79E758)

Have a look what the booklet for
Hex(79E758) contains.

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Color

Hex(79E758)

Conversions

Conversions Part 1

Format	Color
Hex	79E758
RGB	121, 231, 88
RGB Percent	47%, 91%, 35%
CMY	0.5255, 0.0941, 0.6549
CMYK	0.48, 0.00, 0.62, 0.09
HSL	106°, 75%, 63%
HSV	106°, 62%, 91%
XYZ	38.2225, 61.9214, 19.1700
YIQ	181.8080, -19.6570, -67.7930

Conversions

Conversions Part 2

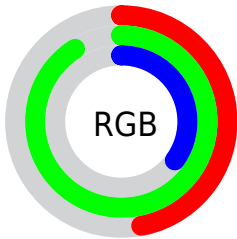
Format	Color
RYB	88, 231, 198
Decimal	7989080
CIELab	82.87, -57.11, 58.37
CIElCh	83, 81.665, 134.373
Yxy	61.9214, 0.3204, 0.5190
Android (android.graphics.Color)	4286179160 (0xFF79E758)
YUV	181.8080, -46.2473, -53.3286
Hunter-Lab	78.6901, -51.0041, 40.6392

Details

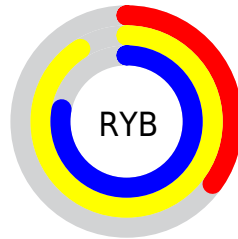
The Hex color **79E758** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **C658E7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B4FF8F**, and **3AAE1E** is the 20% darker color. If you saturate the color by 10%, you get **67E741**, and if you desaturate by 10%, it is **8BE76F**.

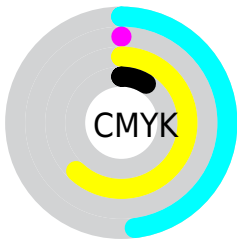
Distribution



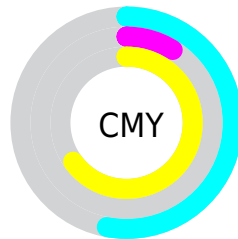
- Red (47%)
- Green (91%)
- Blue (35%)



- Red (35%)
- Yellow (91%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (62%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79E758 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 79E758 by changing the saturation by 10% instead.

 79E758

FFFFFF

 B4FF8F

 D2FFAB

 F0FFC7

 FFFFE4

 79E758

 5BCA3C

 3AAE1E

 0A9300

 007900

 005F00

 004600

 002F00

 001200

 000000

 79E758

 79E758

 67E741

 8BE76F

 55E72A

 9DE786

 44E713

 AEE79D

 35E700

 C0E7B4

 D2E7CB

 E4E7E3

 F5E7FA

 FFE7FF

Harmonies

Analogous

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



D2D61C



79E758



00F0A2

Triad

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



79E758



00E2FF



FF84AD

Complementary

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



79E758



C658E7

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.



FF8AFA



79E758



77CAFF

Square

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



79E758



00EFFF



FFA9FF



FF9C65

Rectangle

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



79E758



00F2D8



FFA9FF



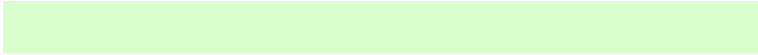
FF82C6

Sweetspot

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



79E758



DAFFCF



E7C658



698062



000000



808080

Same Dimension

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



79E758



6EFF42



58E77E



6A7367



29B300



0C3300

Inverse Universe

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



C658E7



D342FF



E758C1



706773



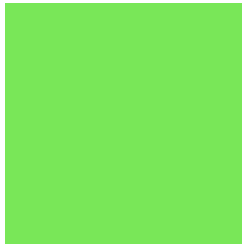
8900B3



270033

Previews

White Background



This preview shows how the Hex color 79E758 looks on a white background.

Color Contrast Check

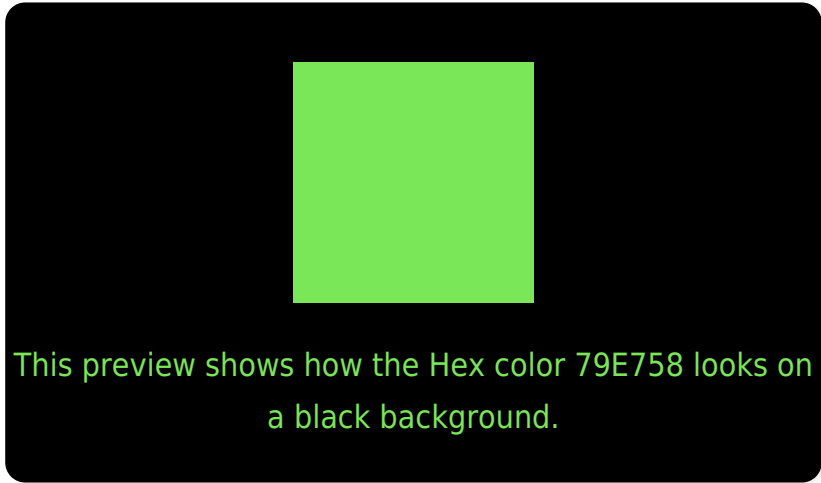
Large Text (above 18pt) WCAG AA × Fail

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 79E758 Background



This preview shows how black text looks on a background with the Hex color 79E758.

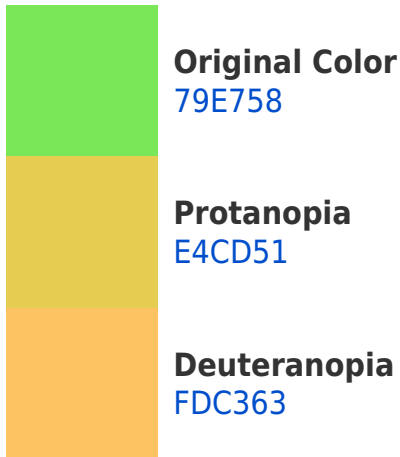


This preview shows how white text looks on a background with the Hex color 79E758.

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



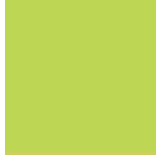


Tritanopia
94D8EA

Trichromacy



Original Color
79E758



Protanomaly
BDD654



Deuteranomaly
CDD05F



Tritanomaly
8ADDB5

Monochromacy



Original Color
79E758



Achromatopsia
B6B6B6



Achromatomaly
A0C894

CSS Examples

Text

The CSS property to change the color of the text to Hex 79E758 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 #79E758 looks like.

```
.text, #text, p{  
    color:#79E758  
}
```

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 #79E758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79E758
}
```

Border

The CSS property to change the border of an element to Hex 79E758 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
#79E758 }
```

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

```
.border{ border-color:#79E758 }
```

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

Here you see how a box with a 4 pixel #79E758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79E758; -webkit-box-shadow:4px 4px  
4px 4px #79E758; box-shadow:4px 4px 4px  
4px #79E758 }
```

Background

The CSS property to change the background color of an element to Hex 79E758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79E758 }
```

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

```
.background{ background-color:#79E758 }
```

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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