

Converting Colors

Hex(79E74B)

Have a look what the booklet for
Hex(79E74B) contains.

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Color

Hex(79E74B)

Conversions

Conversions Part 1

Format	Color
Hex	79E74B
RGB	121, 231, 75
RGB Percent	47%, 91%, 29%
CMY	0.5255, 0.0941, 0.7059
CMYK	0.48, 0.00, 0.68, 0.09
HSL	102°, 76%, 60%
HSV	102°, 68%, 91%
XYZ	37.7311, 61.7248, 16.5821
YIQ	180.3260, -15.4840, -71.8360

Conversions

Conversions Part 2

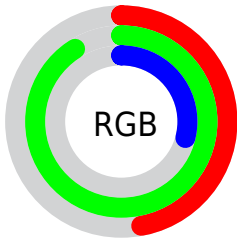
Format	Color
RYB	75, 231, 185
Decimal	7989067
CIELab	82.77, -58.25, 63.48
CIELCh	83, 86.156, 132.537
Yxy	61.7248, 0.3252, 0.5319
Android (android.graphics.Color)	4286179147 (0xFF79E74B)
YUV	180.3260, -51.9257, -52.0289
Hunter-Lab	78.5651, -51.7639, 42.4818

Details

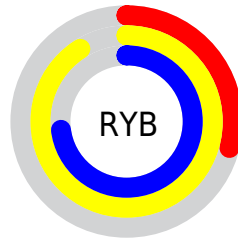
The Hex color **79E74B** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **B94BE7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B5FF83**, and **39AE00** is the 20% darker color. If you saturate the color by 10%, you get **69E734**, and if you desaturate by 10%, it is **89E762**.

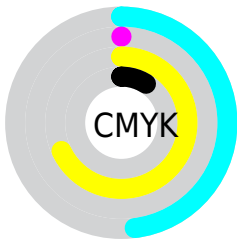
Distribution



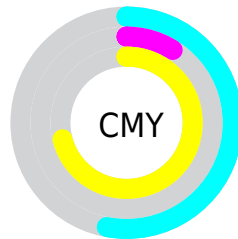
- Red (47%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79E74B 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 79E74B by changing the saturation by 10% instead.

 79E74B

 79E74B


FFFFFF

 5ACA2D

 B5FF83

 39AE00

 D3FF9F

 049300

 F1FFBB

 007900

 FFFFD8

 005F00

 FFFFF6

 004600

 002F00

 001100

 000000

 79E74B

 79E74B

 69E734

 89E762

 58E71D

 9AE779

 48E706

 AAE790

 44E700

 BAE7A7

 CAE7BF

 DBE7D6

 EBE7ED

 FBE7FF

 FFE7FF

Harmonies

Analogous

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



D6D500



79E74B



00F19A

Triad

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



79E74B



00E4FF



FF7CAF

Complementary

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



79E74B



B94BE7

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.



FF85FF



79E74B



58CCFF

Square

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



79E74B



00F0FF



FCA9FF



FF9663

Rectangle

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



79E74B



00F3D3



FCA9FF



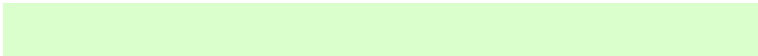
FF7ACB

Sweetspot

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



79E74B



DBFFCC



E7B84B



6A8061



000000



808080

Same Dimension

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



79E74B



6DFF30



4BE76A



6B7367



35B300



0F3300

Inverse Universe

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



B94BE7



C230FF



E74BC8



6F6773



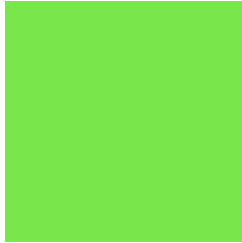
7E00B3



240033

Previews

White Background



This preview shows how the Hex color 79E74B looks on a white background.

Color Contrast Check

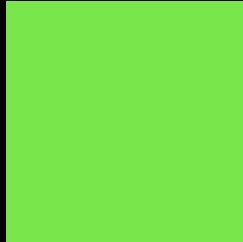
Large Text (above 18pt) WCAG AA × Fail

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 79E74B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

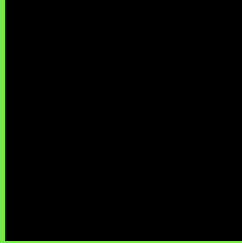
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

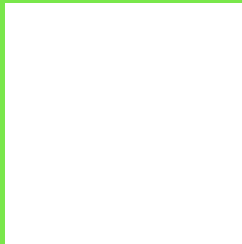
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 79E74B Background



This preview shows how black text looks on a background with the Hex color 79E74B.

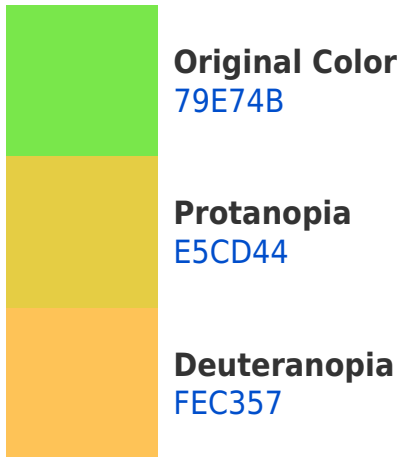


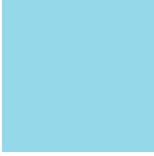
This preview shows how white text looks on a background with the Hex color 79E74B.

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

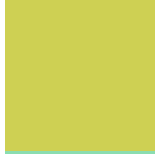
Trichromacy



Original Color
79E74B



Protanomaly
BED647



Deuteranomaly
CED053

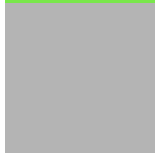


Tritanomaly
8BDDB0

Monochromacy



Original Color
79E74B



Achromatopsia
B4B4B4



Achromatomaly
9FC78E

CSS Examples

Text

The CSS property to change the color of the text to Hex 79E74B 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 #79E74B looks like.

```
.text, #text, p{  
    color:#79E74B  
}
```

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 #79E74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79E74B
}
```

Border

The CSS property to change the border of an element to Hex 79E74B 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
#79E74B }
```

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

```
.border{ border-color:#79E74B }
```

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

Here you see how a box with a 4 pixel #79E74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79E74B; -webkit-box-shadow:4px 4px  
4px 4px #79E74B; box-shadow:4px 4px 4px  
4px #79E74B }
```

Background

The CSS property to change the background color of an element to Hex 79E74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79E74B }
```

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

```
.background{ background-color:#79E74B }
```

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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