

Converting Colors

Hex(47E93E)

Have a look what the booklet for
Hex(47E93E) contains.

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Color

Hex(47E93E)

Conversions

Conversions Part 1

Format	Color
Hex	47E93E
RGB	71, 233, 62
RGB Percent	28%, 91%, 24%
CMY	0.7216, 0.0863, 0.7569
CMYK	0.70, 0.00, 0.73, 0.09
HSL	117°, 80%, 58%
HSV	117°, 73%, 91%
XYZ	32.6069, 59.9652, 14.4133
YIQ	165.0680, -41.6610, -87.5250

Conversions

Conversions Part 2

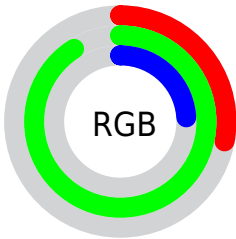
Format	Color
R _{YB}	62, 233, 224
Decimal	4712766
CIE Lab	81.82, -71.61, 66.72
CIE LCh	82, 97.881, 137.024
Yxy	59.9652, 0.3048, 0.5605
Android (android.graphics.Color)	4282902846 (0xFF47E93E)
YUV	165.0680, -50.8125, -82.4976
Hunter-Lab	77.4372, -60.3531, 43.1705

Details

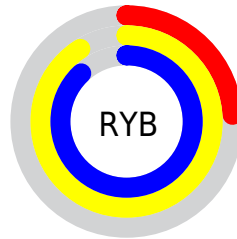
The Hex color **47E93E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed green. A complement of this color would be **E03EE9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8CFF78**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **31E927**, and if you desaturate by 10%, it is **5DE955**.

Distribution



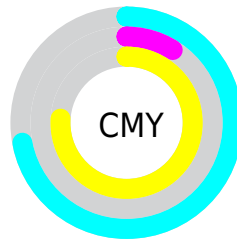
- Red (28%)
- Green (91%)
- Blue (24%)



- Red (24%)
- Yellow (91%)
- Blue (88%)



- Cyan (70%)
- Magenta (0%)
- Yellow (73%)
- Black (9%)



- Cyan (72%)
- Magenta (9%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47E93E 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 47E93E by changing the saturation by 10% instead.

 47E93E

 47E93E

FFFFFF

 0DCC1B

 8CFF78

 00B000

 ACFF94

 009400

 CBFFB0

 007900

 EAFFCD

 005F00

 FFFFEB

 004500

 002D00

 000C00

 000000

 47E93E

 47E93E

 31E927

 5DE955

 1BE90F

 73E96D

 0CE900

 89E984

 9FE99B

 B5E9B3

 CBE9CA

 E2E9E1

 F8E9F8

 FFE9FF

Harmonies

Analogous

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



C3D700



47E93E



00F29F

Triad

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



47E93E



00E2FF



FF669C

Complementary

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



47E93E



E03EE9

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.



FF6BF7



47E93E



5BC4FF

Square

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



47E93E



00F0FF



FF98FF



FF8E44

Rectangle

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



47E93E



00F4DF



FF98FF



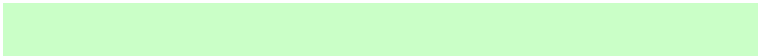
FF60BA

Sweetspot

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



47E93E



CAFFC7



E9DE3E



60805E



000000



808080

Same Dimension

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



47E93E



2AFF1F



3EE988



6A756A



0AB500



033600

Inverse Universe

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



E03EE9



F31FFF



E93E9F



756A75



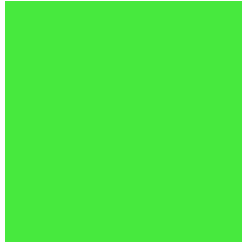
AC00B5



330036

Previews

White Background



This preview shows how the Hex color 47E93E looks on a white background.

Color Contrast Check

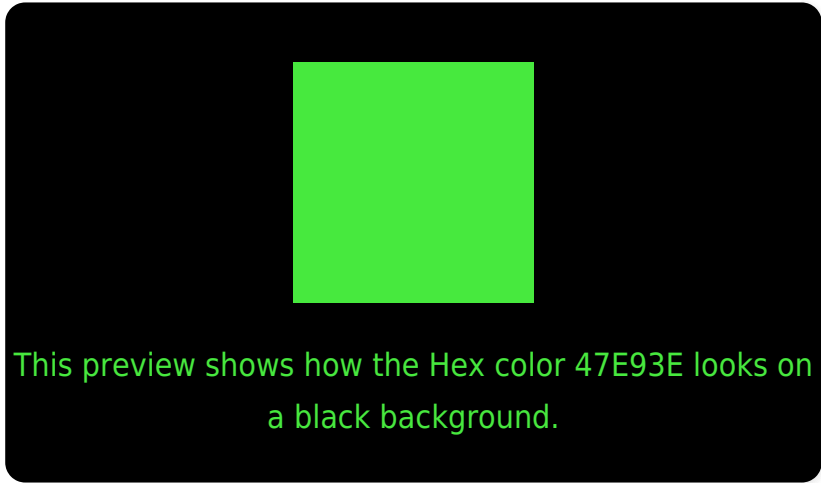
Large Text (above 18pt) WCAG AA × Fail

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 47E93E Background



This preview shows how black text looks on a background with the Hex color 47E93E.

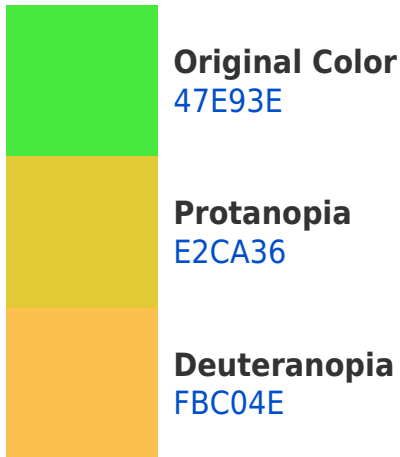


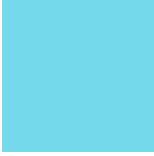
This preview shows how white text looks on a background with the Hex color 47E93E.

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](#).

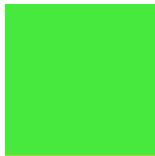
Dichromacy





Tritanopia
74D9EB

Trichromacy



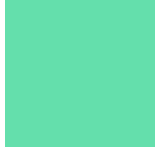
Original Color
47E93E



Protanomaly
AAD539



Deuteranomaly
BACF48



Tritanomaly
64DFAC

Monochromacy



Original Color
47E93E



Achromatopsia
A5A5A5



Achromatomaly
83BE80

CSS Examples

Text

The CSS property to change the color of the text to Hex 47E93E 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 #47E93E looks like.

```
.text, #text, p{  
    color:#47E93E  
}
```

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 #47E93E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E93E
}
```

Border

The CSS property to change the border of an element to Hex 47E93E 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
#47E93E }
```

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

```
.border{ border-color:#47E93E }
```

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

Here you see how a box with a 4 pixel #47E93E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E93E; -webkit-box-shadow:4px 4px  
4px 4px #47E93E; box-shadow:4px 4px 4px  
4px #47E93E }
```

Background

The CSS property to change the background color of an element to Hex 47E93E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E93E }
```

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

```
.background{ background-color:#47E93E }
```

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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