

Converting Colors

Hex(47E449)

Have a look what the booklet for
Hex(47E449) contains.

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Color

Hex(47E449)

Conversions

Conversions Part 1

Format	Color
Hex	47E449
RGB	71, 228, 73
RGB Percent	28%, 89%, 29%
CMY	0.7216, 0.1059, 0.7137
CMYK	0.69, 0.00, 0.68, 0.11
HSL	121°, 74%, 59%
HSV	121°, 69%, 89%
XYZ	31.5445, 57.3074, 15.7022
YIQ	163.3870, -43.8170, -81.4890

Conversions

Conversions Part 2

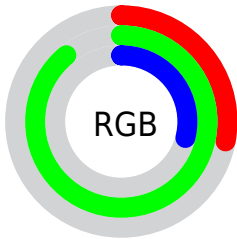
Format	Color
RYB	71, 226, 228
Decimal	4711497
CIELab	80.35, -69.13, 61.24
CIELCh	80, 92.359, 138.463
Yxy	57.3074, 0.3017, 0.5481
Android (android.graphics.Color)	4282901577 (0xFF47E449)
YUV	163.3870, -44.5608, -81.0234
Hunter-Lab	75.7017, -58.0978, 40.6931

Details

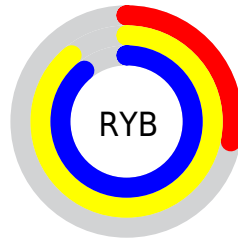
The Hex color **47E449** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **E447E2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8BFF81**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **30E432**, and if you desaturate by 10%, it is **5EE460**.

Distribution



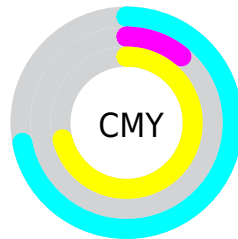
- Red (28%)
- Green (89%)
- Blue (29%)



- Red (28%)
- Yellow (89%)
- Blue (89%)



- Cyan (69%)
- Magenta (0%)
- Yellow (68%)
- Black (11%)



- Cyan (72%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47E449 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 47E449 by changing the saturation by 10% instead.

 47E449

 47E449

FFFFFF

 12C72B

 8BFF81

 00AB00

 AAFF9C

 008F00

 C9FFB9

 007500

 E8FFD6

 005A00

 FFFFF3

 004100

 002900

 000200

 000000

 47E449

 47E449

 30E432

 5EE460

 19E41C

 75E476

 03E405

 8BE48D

 00E403

 A2E4A3

 B9E4BA

 D0E4D0

 E7E4E7

 FDE4FD

 FFE4FF

Harmonies

Analogous

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



BCD300



47E449



00ECA2

Triad

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



47E449



00DBFF



FF6D96

Complementary

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



47E449



E447E2

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.



FF6EEC



47E449



74BFFF

Square

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



47E449



00EAFF



FF96FF



FF9145

Rectangle

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



47E449



00EEDE



FF96FF



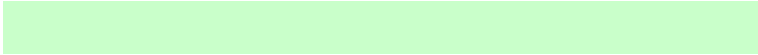
FF67B3

Sweetspot

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



47E449



C9FFCA



E4E447



608060



000000



808080

Same Dimension

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



47E449



2BFF2E



47E496



677367



00B302



003301

Inverse Universe

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



E447E2



FF2BFC



E44796



736773



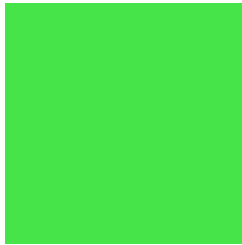
B300B0



330032

Previews

White Background



This preview shows how the Hex color 47E449 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 47E449 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

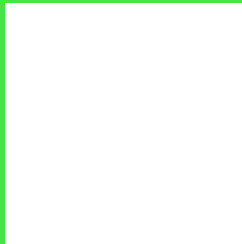
Any Text WCAG AAA ✓ Pass

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

Hex 47E449 Background



This preview shows how black text looks on a background with the Hex color 47E449.

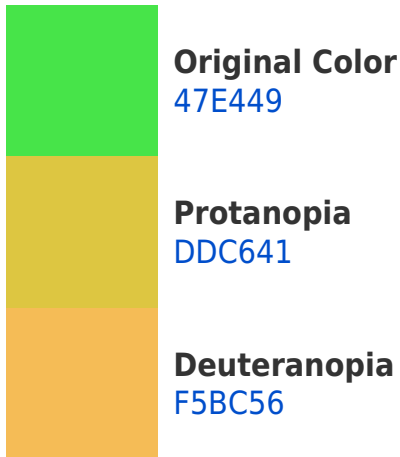


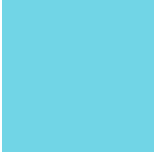
This preview shows how white text looks on a background with the Hex color 47E449.

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](#).

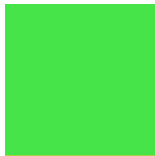
Dichromacy





Tritanopia
71D5E6

Trichromacy



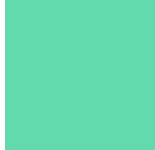
Original Color
47E449



Protanomaly
A6D144



Deuteranomaly
B6CB51



Tritanomaly
62DAAD

Monochromacy



Original Color
47E449



Achromatopsia
A3A3A3



Achromatomaly
82BB82

CSS Examples

Text

The CSS property to change the color of the text to Hex 47E449 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 #47E449 looks like.

```
.text, #text, p{  
    color:#47E449  
}
```

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 #47E449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E449
}
```

Border

The CSS property to change the border of an element to Hex 47E449 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
#47E449 }
```

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

```
.border{ border-color:#47E449 }
```

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

Here you see how a box with a 4 pixel #47E449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E449; -webkit-box-shadow:4px 4px  
4px 4px #47E449; box-shadow:4px 4px 4px  
4px #47E449 }
```

Background

The CSS property to change the background color of an element to Hex 47E449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E449 }
```

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

```
.background{ background-color:#47E449 }
```

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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