

Converting Colors

Hex(47E045)

Have a look what the booklet for
Hex(47E045) contains.

Hex(47E045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47E045)

Conversions

Conversions Part 1

Format	Color
Hex	47E045
RGB	71, 224, 69
RGB Percent	28%, 88%, 27%
CMY	0.7216, 0.1216, 0.7294
CMYK	0.68, 0.00, 0.69, 0.12
HSL	119°, 71%, 57%
HSV	119°, 69%, 88%
XYZ	30.3284, 55.0806, 14.6634
YIQ	160.5830, -41.4330, -80.6410

Conversions

Conversions Part 2

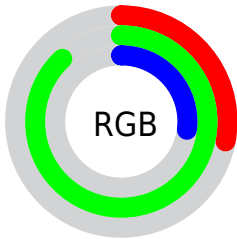
Format	Color
RYB	69, 224, 222
Decimal	4710469
CIELab	79.09, -68.19, 61.43
CIELCh	79, 91.780, 137.986
Yxy	55.0806, 0.3031, 0.5504
Android (android.graphics.Color)	4282900549 (0xFF47E045)
YUV	160.5830, -45.1504, -78.5643
Hunter-Lab	74.2163, -56.9348, 40.2371

Details

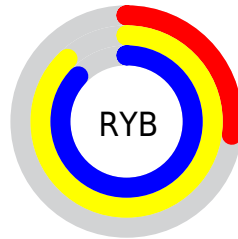
The Hex color **47E045** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DE45E0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8AFF7D**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **31E02F**, and if you desaturate by 10%, it is **5DE05B**.

Distribution



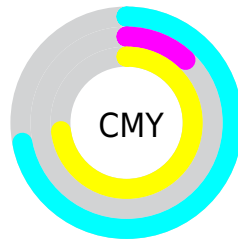
- Red (28%)
- Green (88%)
- Blue (27%)



- Red (27%)
- Yellow (88%)
- Blue (87%)



- Cyan (68%)
- Magenta (0%)
- Yellow (69%)
- Black (12%)



- Cyan (72%)
- Magenta (12%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47E045 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 47E045 by changing the saturation by 10% instead.

 47E045

 47E045

FFFFFF

 14C327

 8AFF7D

 00A700

 A9FF99

 008C00

 C8FFB5

 007100

 E7FFD2

 005700

 FFFFEF

 003E00

 002600

 000000

 47E045

 47E045

 31E02F

 5DE05B

 1BE018

 73E072

 05E002

 89E088

 03E000

 9FE09F

 B6E0B5

 CCE0CB

 E2E0E2

 F8E0F8

 FFE0FF

Harmonies

Analogous

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



BACF00



47E045



00E89D

Triad

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



47E045



00D8FF



FF6995

Complementary

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



47E045



DE45E0

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.



FF6CEA



47E045



6CBCFF

Square

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



47E045



00E6FF



FF93FF



FF8D44

Rectangle

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



47E045



00EAD9



FF93FF



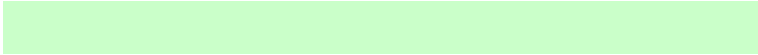
FF64B1

Sweetspot

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



47E045



CAFFC9



E0DD45



608060



000000



808080

Same Dimension

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



47E045



2EFF2B



45E090



657065



02B000



013000

Inverse Universe

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



DE45E0



FC2BFF



E04595



706570



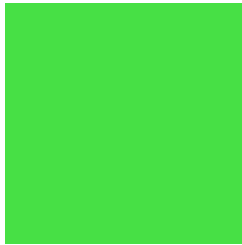
AE00B0



300030

Previews

White Background



This preview shows how the Hex color 47E045 looks on a white background.

Color Contrast Check

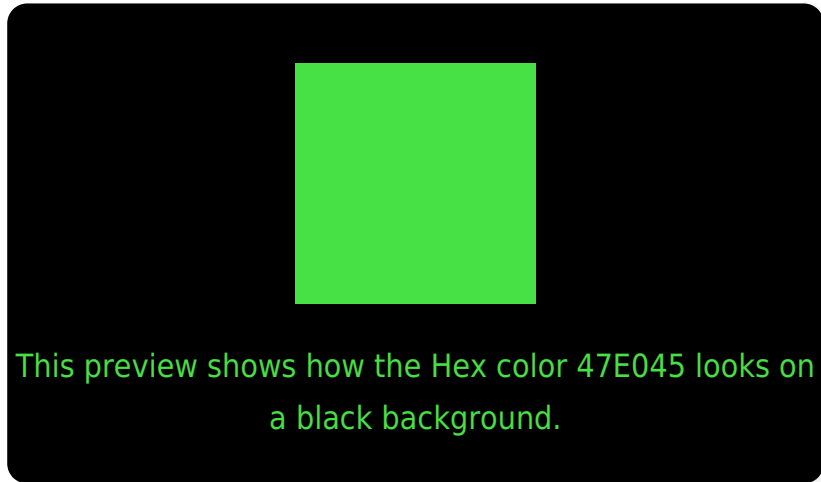
Large Text (above 18pt) WCAG AA × Fail

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

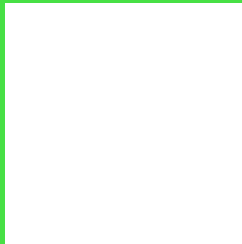
Any Text WCAG AAA ✓ Pass

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

Hex 47E045 Background



This preview shows how black text looks on a background with the Hex color 47E045.

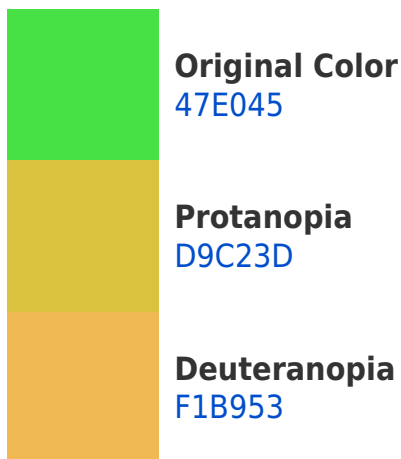


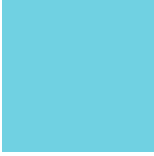
This preview shows how white text looks on a background with the Hex color 47E045.

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](#).

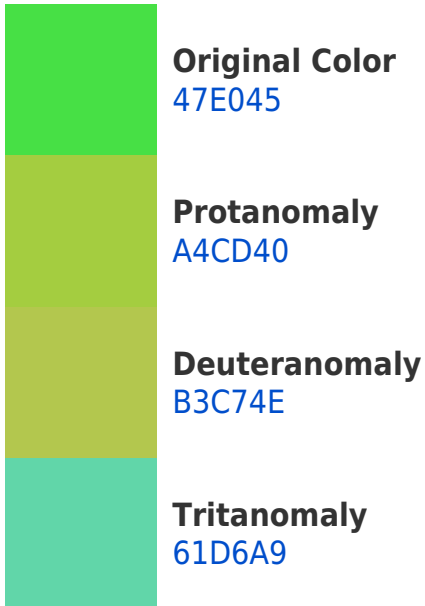
Dichromacy



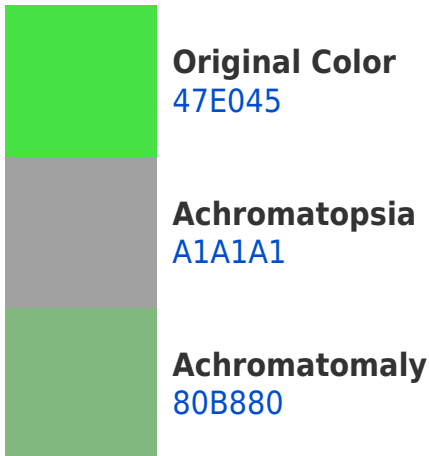


Tritanopia
70D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47E045 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 #47E045 looks like.

```
.text, #text, p{  
    color:#47E045  
}
```

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 #47E045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E045
}
```

Border

The CSS property to change the border of an element to Hex 47E045 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
#47E045 }
```

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

```
.border{ border-color:#47E045 }
```

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

Here you see how a box with a 4 pixel #47E045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E045; -webkit-box-shadow:4px 4px  
4px 4px #47E045; box-shadow:4px 4px 4px  
4px #47E045 }
```

Background

The CSS property to change the background color of an element to Hex 47E045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E045 }
```

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

```
.background{ background-color:#47E045 }
```

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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