

Converting Colors

Hex(47DE00)

Have a look what the booklet for
Hex(47DE00) contains.

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Color

Hex(47DE00)

Conversions

Conversions Part 1

Format	Color
Hex	47DE00
RGB	71, 222, 0
RGB Percent	28%, 87%, 0%
CMY	0.7216, 0.1294, 1.0000
CMYK	0.68, 0.00, 1.00, 0.13
HSL	101°, 100%, 44%
HSV	101°, 100%, 87%
XYZ	28.7198, 53.5821, 8.8287
YIQ	151.5430, -18.7340, -101.0540

Conversions

Conversions Part 2

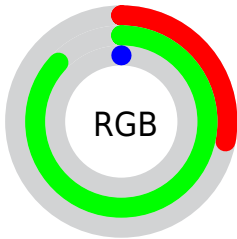
Format	Color
RYB	0, 222, 151
Decimal	4709888
CIELab	78.22, -70.59, 75.88
CIELCh	78, 103.637, 132.932
Yxy	53.5821, 0.3151, 0.5880
Android (android.graphics.Color)	4282899968 (0xFF47DE00)
YUV	151.5430, -74.7107, -70.6362
Hunter-Lab	73.1998, -58.0656, 44.0889

Details

The Hex color **47DE00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9700DE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8CFF56**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **47DE00**, and if you desaturate by 10%, it is **56DE16**.

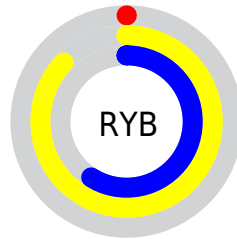
Distribution



Red (28%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (59%)

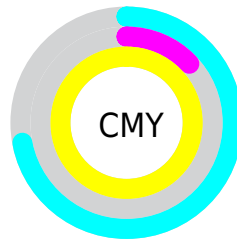


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (72%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47DE00 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 47DE00 by changing the saturation by 10% instead.

 47DE00

 47DE00

FFFFFF

 10C100

 8CFF56

 00A500

 ABFF73

 008A00

 CAFF90

 006F00

 EAFFAE

 005500

 FFFFCB

 003D00

 FFFF E9

 002300

 000000

 47DE00

 56DE16

 65DE2C

 74DE43

 83DE59

 93DE6F

 A2DE85

 B1DE9B

 C0DEB2

 CFDEC8

Harmonies

Analogous

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



C3CA00



47DE00



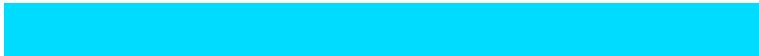
00E885

Triad

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



47DE00



00DCFF



FF459C

Complementary

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



47DE00



9700DE

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.



FF57FC



47DE00



00C0FF

Square

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



47DE00



00E9FF



F791FF



FF773F

Rectangle

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



47DE00



00EBC9



F791FF



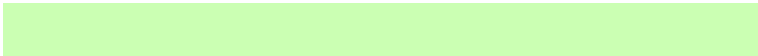
FF40BC

Sweetspot

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



47DE00



CBFFB3



DE9400



608052



000000



808080

Same Dimension

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



47DE00



52FF00



00DE25



697065



38B000



0F3000

Inverse Universe

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



9700DE



AD00FF



DE00B9



6D6570



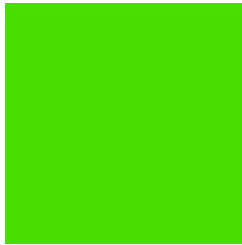
7800B0



210030

Previews

White Background



This preview shows how the Hex color 47DE00 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 47DE00 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 47DE00 Background



This preview shows how black text looks on a background with the Hex color 47DE00.

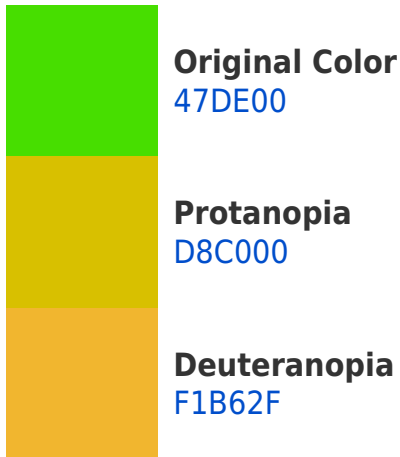


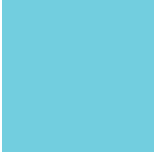
This preview shows how white text looks on a background with the Hex color 47DE00.

Color Blindness Simulation

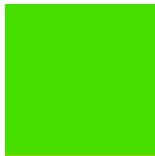
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
47DE00



Protanomaly
A3CB00



Deuteranomaly
B3C51E



Tritanomaly
62D48E

Monochromacy



Original Color
47DE00



Achromatopsia
989898



Achromatomaly
7BB161

CSS Examples

Text

The CSS property to change the color of the text to Hex 47DE00 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 #47DE00 looks like.

```
.text, #text, p{  
    color:#47DE00  
}
```

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 #47DE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47DE00
}
```

Border

The CSS property to change the border of an element to Hex 47DE00 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
#47DE00 }
```

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

```
.border{ border-color:#47DE00 }
```

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

Here you see how a box with a 4 pixel #47DE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47DE00; -webkit-box-shadow:4px 4px  
4px 4px #47DE00; box-shadow:4px 4px 4px  
4px #47DE00 }
```

Background

The CSS property to change the background color of an element to Hex 47DE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47DE00 }
```

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

```
.background{ background-color:#47DE00 }
```

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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