

Converting Colors

Hex(47C743)

Have a look what the booklet for
Hex(47C743) contains.

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Color

Hex(47C743)

Conversions

Conversions Part 1

Format	Color
Hex	47C743
RGB	71, 199, 67
RGB Percent	28%, 78%, 26%
CMY	0.7216, 0.2196, 0.7373
CMYK	0.64, 0.00, 0.66, 0.22
HSL	118°, 54%, 52%
HSV	118°, 66%, 78%
XYZ	24.0351, 42.5917, 12.2644
YIQ	145.6800, -33.9160, -68.1880

Conversions

Conversions Part 2

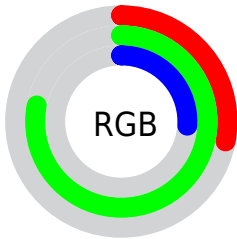
Format	Color
RYB	67, 199, 195
Decimal	4704067
CIELab	71.28, -60.01, 53.89
CIELCh	71, 80.655, 138.076
Yxy	42.5917, 0.3047, 0.5399
Android (android.graphics.Color)	4282894147 (0xFF47C743)
YUV	145.6800, -38.7892, -65.4944
Hunter-Lab	65.2623, -48.4703, 34.5415

Details

The Hex color **47C743** 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 **C343C7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **86FF79**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **34C72F**, and if you desaturate by 10%, it is **5AC757**.

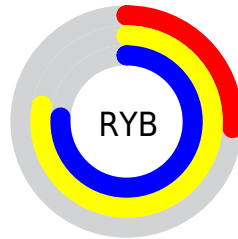
Distribution



Red (28%)

Green (78%)

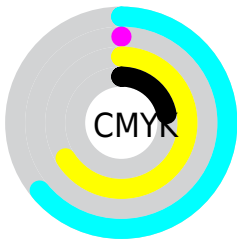
Blue (26%)



Red (26%)

Yellow (78%)

Blue (76%)

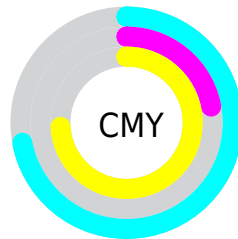


Cyan (64%)

Magenta (0%)

Yellow (66%)

Black (22%)



Cyan (72%)

Magenta (22%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C743 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 47C743 by changing the saturation by 10% instead.

 47C743

 47C743

FFFFFF

 1FAB27

 86FF79

 009000

 A3FF94

 007500

 C1FFB0


 005B00

 E0FFCC

 004200

 FEFEE9

 002B00

 000900

 000000

 47C743

 47C743

 34C72F

 5AC757

 20C71B

 6EC76B

 0DC707

 81C77F

 06C700

 94C793

 A7C7A7

 BBC7BA

 CEC7CE

 E1C7E2

 F5C7F6

Harmonies

Analogous

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



A7B800



47C743



00CE8E

Triad

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



47C743



00C0FF



FF6386

Complementary

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



47C743



C343C7

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.



FF65CF



47C743



69A8FF

Square

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



47C743



00CCFF



E985FF



FF8041

Rectangle

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



47C743



00D0C1



E985FF



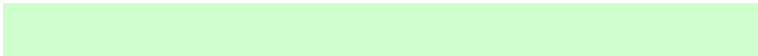
FF5F9E

Sweetspot

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



47C743



CEFFCC



C7C343



628061



000000



808080

Same Dimension

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



47C743



39FF33



43C781



5A635A



05A300



012400

Inverse Universe

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



C343C7



F933FF



C74389



635A63



9E00A3



230024

Previews

White Background



This preview shows how the Hex color 47C743 looks on a white background.

Color Contrast Check

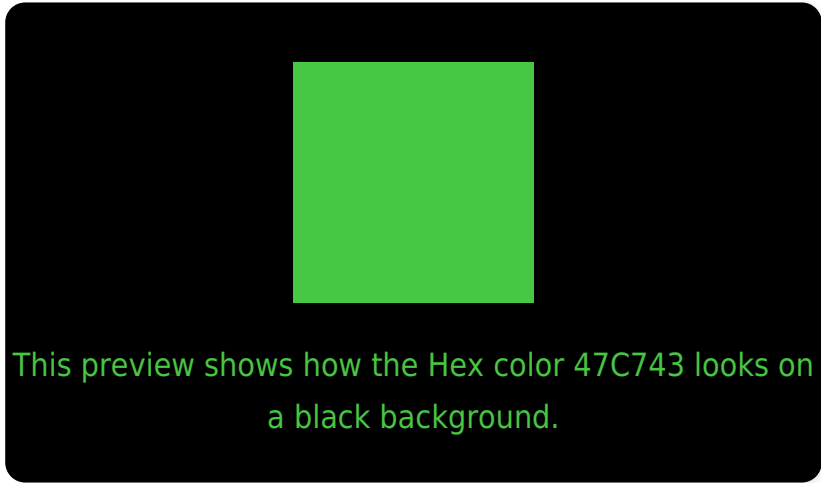
Large Text (above 18pt) WCAG AA × Fail

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

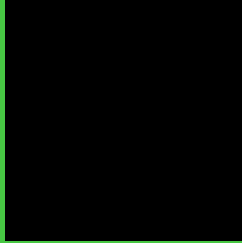
Any Text WCAG AA ✓ Pass

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 47C743 Background



This preview shows how black text looks on a background with the Hex color 47C743.

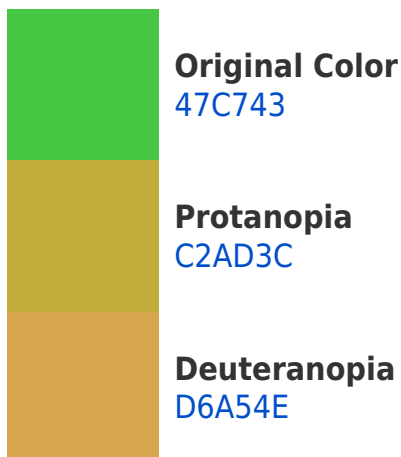


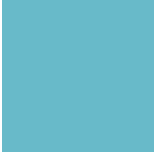
This preview shows how white text looks on a background with the Hex color 47C743.

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
68BAC9

Trichromacy



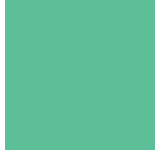
Original Color
47C743



Protanomaly
95B63F



Deuteranomaly
A2B14A



Tritanomaly
5CBF98

Monochromacy



Original Color
47C743



Achromatopsia
929292



Achromatomaly
77A575

CSS Examples

Text

The CSS property to change the color of the text to Hex 47C743 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 #47C743 looks like.

```
.text, #text, p{  
    color:#47C743  
}
```

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 #47C743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C743
}
```

Border

The CSS property to change the border of an element to Hex 47C743 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
#47C743 }
```

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

```
.border{ border-color:#47C743 }
```

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

Here you see how a box with a 4 pixel #47C743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C743; -webkit-box-shadow:4px 4px  
4px 4px #47C743; box-shadow:4px 4px 4px  
4px #47C743 }
```

Background

The CSS property to change the background color of an element to Hex 47C743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C743 }
```

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

```
.background{ background-color:#47C743 }
```

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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