

Converting Colors

Hex(47C71D)

Have a look what the booklet for
Hex(47C71D) contains.

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Color

Hex(47C71D)

Conversions

Conversions Part 1

Format	Color
Hex	47C71D
RGB	71, 199, 29
RGB Percent	28%, 78%, 11%
CMY	0.7216, 0.2196, 0.8863
CMYK	0.64, 0.00, 0.85, 0.22
HSL	105°, 75%, 45%
HSV	105°, 85%, 78%
XYZ	23.2437, 42.2751, 8.0972
YIQ	141.3480, -21.7180, -80.0060

Conversions

Conversions Part 2

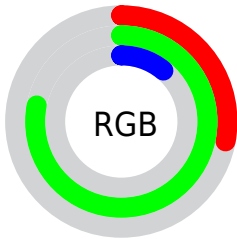
Format	Color
RYB	29, 199, 157
Decimal	4704029
CIELab	71.06, -62.59, 66.00
CIELCh	71, 90.954, 133.479
Yxy	42.2751, 0.3157, 0.5743
Android (android.graphics.Color)	4282894109 (0xFF47C71D)
YUV	141.3480, -55.3876, -61.6952
Hunter-Lab	65.0193, -49.9720, 38.1298

Details

The Hex color **47C71D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **9D1DC7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **87FF5C**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **38C709**, and if you desaturate by 10%, it is **56C731**.

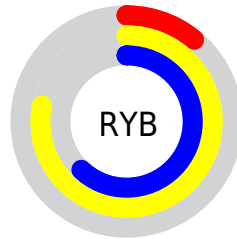
Distribution



Red (28%)

Green (78%)

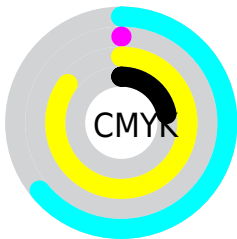
Blue (11%)



Red (11%)

Yellow (78%)

Blue (62%)

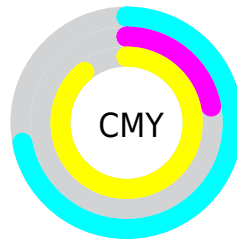


Cyan (64%)

Magenta (0%)

Yellow (85%)

Black (22%)



Cyan (72%)

Magenta (22%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C71D 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 47C71D by changing the saturation by 10% instead.

 47C71D

 47C71D

FFFFFF

 1CAB00

 87FF5C

 009000

 A5FF78

 007500

 C4FF94

 005B00

 E2FFB0

 004200

 FFFFCD

 002B00

 FFFFEB

 000700

 000000

 47C71D

 47C71D

■ 38C709

■ 56C731

■ 31C700

■ 65C745

■ 74C759

■ 83C76D

■ 92C781

■ A1C794

■ B0C7A8

■ BFC7BC

■ CEC7D0

Harmonies

Analogous

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



AFB600



47C71D



00D07B

Triad

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



47C71D



00C4FF



FF4B8C

Complementary

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



47C71D



9D1DC7

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.



FF57DF



47C71D



00ACFF

Square

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



47C71D



00D0FF



DE84FF



FF713D

Rectangle

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



47C71D



00D2B6



DE84FF



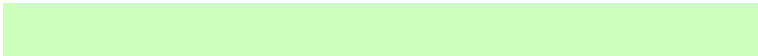
FF48A8

Sweetspot

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



47C71D



CDFFB0



C79D1D



628058



000000



808080

Same Dimension

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



47C71D



3FFF00



1DC748



5C635A



28A300



092400

Inverse Universe

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



9D1DC7



C000FF



C71D9D



615A63



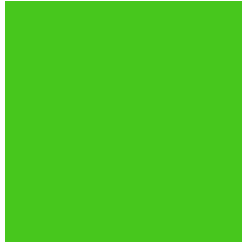
7B00A3



1B0024

Previews

White Background



This preview shows how the Hex color 47C71D 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

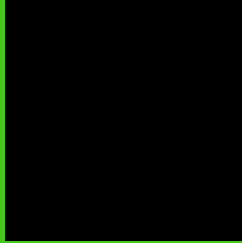
Any Text WCAG AA ✓ Pass

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 47C71D Background



This preview shows how black text looks on a background with the Hex color 47C71D.



This preview shows how white text looks on a background with the Hex color 47C71D.

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](#).

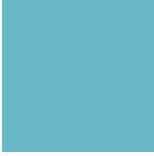
Dichromacy



Original Color
47C71D

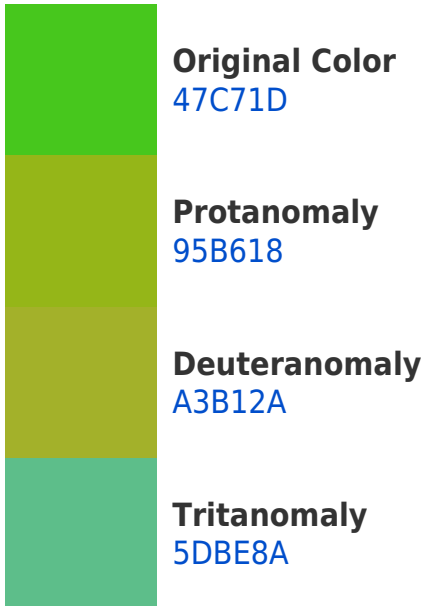
Protanopia
C2AD15

Deuteranopia
D8A432

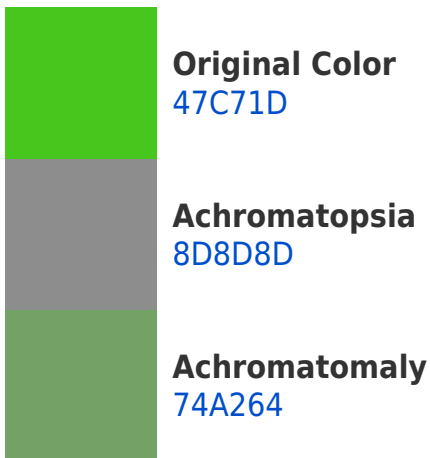


Tritanopia
6AB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C71D 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 #47C71D looks like.

```
.text, #text, p{  
    color:#47C71D  
}
```

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 #47C71D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C71D
}
```

Border

The CSS property to change the border of an element to Hex 47C71D 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
#47C71D }
```

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

```
.border{ border-color:#47C71D }
```

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

Here you see how a box with a 4 pixel #47C71D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C71D; -webkit-box-shadow:4px 4px  
4px 4px #47C71D; box-shadow:4px 4px 4px  
4px #47C71D }
```

Background

The CSS property to change the background color of an element to Hex 47C71D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C71D }
```

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

```
.background{ background-color:#47C71D }
```

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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