

Converting Colors

Hex(47CC74)

Have a look what the booklet for
Hex(47CC74) contains.

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Color

Hex(47CC74)

Conversions

Conversions Part 1

Format	Color
Hex	47CC74
RGB	71, 204, 116
RGB Percent	28%, 80%, 45%
CMY	0.7216, 0.2000, 0.5451
CMYK	0.65, 0.00, 0.43, 0.20
HSL	140°, 57%, 54%
HSV	140°, 65%, 80%
XYZ	27.3438, 45.7863, 23.9195
YIQ	154.2010, -51.0200, -55.5640

Conversions

Conversions Part 2

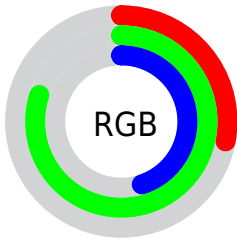
Format	Color
RYB	71, 170, 204
Decimal	4705396
CIELab	73.41, -55.30, 33.47
CIELCh	73, 64.641, 148.815
Yxy	45.7863, 0.2818, 0.4718
Android (android.graphics.Color)	4282895476 (0xFF47CC74)
YUV	154.2010, -18.8331, -72.9673
Hunter-Lab	67.6656, -46.2825, 26.4071

Details

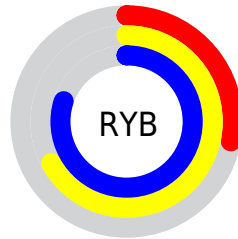
The Hex color **47CC74** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CC479F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **85FFA9**, and **009542** is the 20% darker color. If you saturate the color by 10%, you get **33CC67**, and if you desaturate by 10%, it is **5BCC81**.

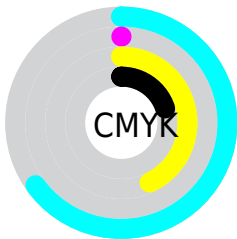
Distribution



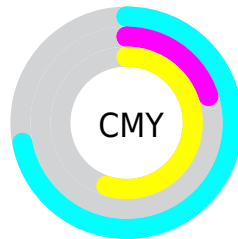
- Red (28%)
- Green (80%)
- Blue (45%)



- Red (28%)
- Yellow (67%)
- Blue (80%)



- Cyan (65%)
- Magenta (0%)
- Yellow (43%)
- Black (20%)



- Cyan (72%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47CC74 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 47CC74 by changing the saturation by 10% instead.

 47CC74

 47CC74

FFFFFF

 20B05B

 85FFA9

 009542

 A3FFC5

 007A2A

 C0FFE1

 006011

 DEFFFE

 004700

 FDFFFF

 003000

 001400

 000000

 47CC74

 47CC74

 33CC67

 5BCC81

 1ECC59

 70CC8F

 0ACC4C

 84CC9C

 00CC45

 99CCAA

 ADCCB7

 C1CCC5

 D6CCD2

 EACCE0

 FFCCED

Harmonies

Analogous

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



9BC245



47CC74



00D1B0

Triad

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



47CC74



00BCFF



FF857F

Complementary

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



47CC74



CC479F

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.



FF7EB9



47CC74



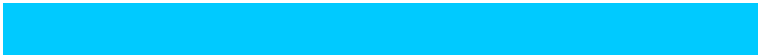
B1A6FF

Square

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



47CC74



00CAFF



FA8DF3



FF9A4E

Rectangle

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



47CC74



00D1D9



FA8DF3



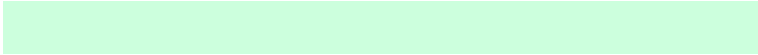
FF8091

Sweetspot

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



47CC74



CCFFDD



A0CC47



61806B



000000



808080

Same Dimension

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



47CC74



38FF7B



47CCB6



5C665F



00A638



00260D

Inverse Universe

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



CC479F



FF38BC



CC475D



665C63



A6006E



260019

Previews

White Background



This preview shows how the Hex color 47CC74 looks on a white background.

Color Contrast Check

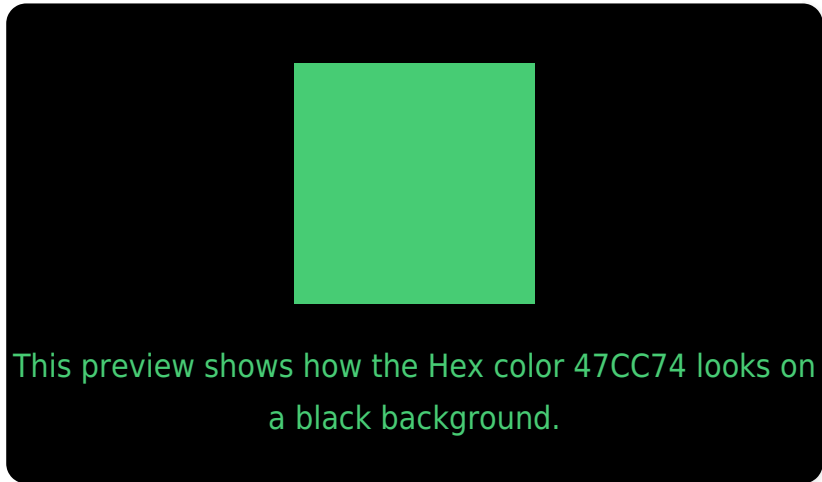
Large Text (above 18pt) WCAG AA × Fail

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 47CC74 Background



This preview shows how black text looks on a background with the Hex color 47CC74.

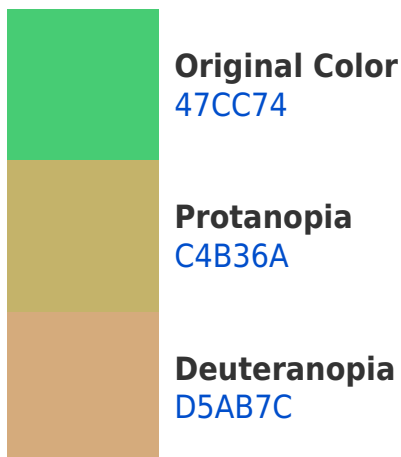


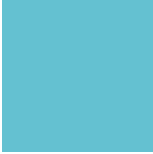
This preview shows how white text looks on a background with the Hex color 47CC74.

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
64C1D1

Trichromacy



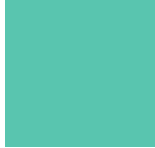
Original Color
47CC74



Protanomaly
97BC6E



Deuteranomaly
A1B779



Tritanomaly
59C5AF

Monochromacy



Original Color
47CC74



Achromatopsia
9A9A9A



Achromatomaly
7CAC8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 47CC74 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 #47CC74 looks like.

```
.text, #text, p{  
    color:#47CC74  
}
```

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 #47CC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CC74
}
```

Border

The CSS property to change the border of an element to Hex 47CC74 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
#47CC74 }
```

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

```
.border{ border-color:#47CC74 }
```

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

Here you see how a box with a 4 pixel #47CC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CC74; -webkit-box-shadow:4px 4px  
4px 4px #47CC74; box-shadow:4px 4px 4px  
4px #47CC74 }
```

Background

The CSS property to change the background color of an element to Hex 47CC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CC74 }
```

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

```
.background{ background-color:#47CC74 }
```

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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