

Converting Colors

Hex(47CC66)

Have a look what the booklet for
Hex(47CC66) contains.

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Color

Hex(47CC66)

Conversions

Conversions Part 1

Format	Color
Hex	47CC66
RGB	71, 204, 102
RGB Percent	28%, 80%, 40%
CMY	0.7216, 0.2000, 0.6000
CMYK	0.65, 0.00, 0.50, 0.20
HSL	134°, 57%, 54%
HSV	134°, 65%, 80%
XYZ	26.5897, 45.4846, 19.9484
YIQ	152.6050, -46.5260, -59.9180

Conversions

Conversions Part 2

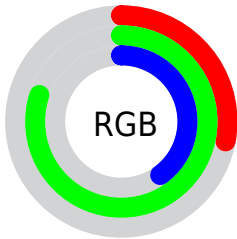
Format	Color
RYB	71, 179, 204
Decimal	4705382
CIELab	73.21, -57.51, 40.22
CIELCh	73, 70.182, 145.036
Yxy	45.4846, 0.2889, 0.4943
Android (android.graphics.Color)	4282895462 (0xFF47CC66)
YUV	152.6050, -24.9483, -71.5676
Hunter-Lab	67.4423, -47.6489, 29.6726

Details

The Hex color **47CC66** 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 **CC47AD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **85FF9B**, and **009434** is the 20% darker color. If you saturate the color by 10%, you get **33CC56**, and if you desaturate by 10%, it is **5BCC76**.

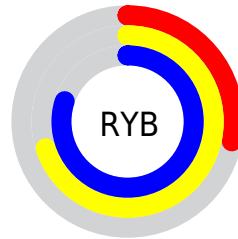
Distribution



Red (28%)

Green (80%)

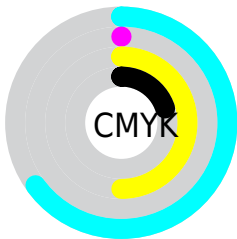
Blue (40%)



Red (28%)

Yellow (70%)

Blue (80%)

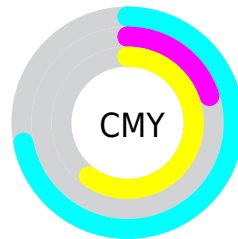


Cyan (65%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (72%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47CC66 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 47CC66 by changing the saturation by 10% instead.

 47CC66

 47CC66

FFFFFF

 1FB04D

 85FF9B

 009434

 A3FFB6

 007A1A

 C1FFD2

 006000

 DFFFEF

 004700

 FDFFFF

 003000

 001300

 000000

 47CC66

 47CC66

 33CC56

 5BCC76

 1ECC47

 70CC85

 0ACC37

 84CC95

 00CC30

 99CCA5

 ADCCB4

 C1CCC4

 D6CCD4

 EACCE3

 FFCCF3

Harmonies

Analogous

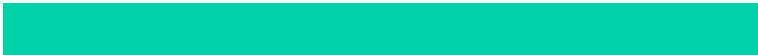
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0C032



47CC66



00D2A7

Triad

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



47CC66



00BEFF



FF7C81

Complementary

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



47CC66



CC47AD

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.



FF77C1



47CC66



A1A7FF

Square

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



47CC66



00CCFF



F78BFE



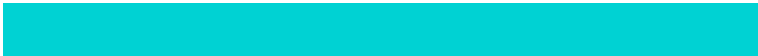
FF934A

Rectangle

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



47CC66



00D2D3



F78BFE



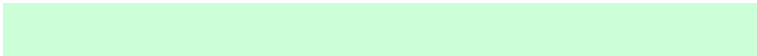
FF7796

Sweetspot

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



47CC66



CCFFD8



AFCC47



618068



000000



808080

Same Dimension

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



47CC66



38FF66



47CCA6



5C665E



00A627



002609

Inverse Universe

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



CC47AD



FF38D1



CC476D



665C64



A6007F



26001D

Previews

White Background



This preview shows how the Hex color 47CC66 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 47CC66 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

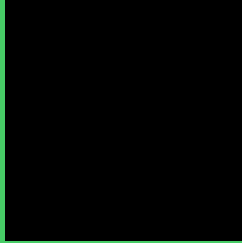
Any Text WCAG AA ✓ Pass

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 47CC66 Background



This preview shows how black text looks on a background with the Hex color 47CC66.

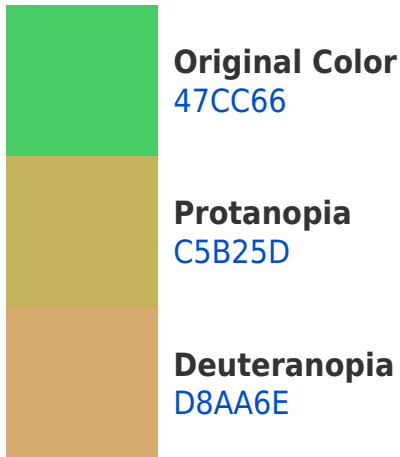


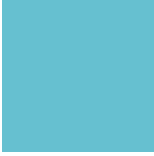
This preview shows how white text looks on a background with the Hex color 47CC66.

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
66C0D0

Trichromacy



Original Color
47CC66



Protanomaly
97BB60



Deuteranomaly
A3B66B



Tritanomaly
5BC4A9

Monochromacy



Original Color
47CC66



Achromatopsia
999999



Achromatomaly
7BAC86

CSS Examples

Text

The CSS property to change the color of the text to Hex 47CC66 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 #47CC66 looks like.

```
.text, #text, p{  
    color:#47CC66  
}
```

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 #47CC66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CC66
}
```

Border

The CSS property to change the border of an element to Hex 47CC66 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
#47CC66 }
```

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

```
.border{ border-color:#47CC66 }
```

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

Here you see how a box with a 4 pixel #47CC66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CC66; -webkit-box-shadow:4px 4px  
4px 4px #47CC66; box-shadow:4px 4px 4px  
4px #47CC66 }
```

Background

The CSS property to change the background color of an element to Hex 47CC66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CC66 }
```

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

```
.background{ background-color:#47CC66 }
```

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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