

Converting Colors

Hex(47C678)

Have a look what the booklet for
Hex(47C678) contains.

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Color

Hex(47C678)

Conversions

Conversions Part 1

Format	Color
Hex	47C678
RGB	71, 198, 120
RGB Percent	28%, 78%, 47%
CMY	0.7216, 0.2235, 0.5294
CMYK	0.64, 0.00, 0.39, 0.22
HSL	143°, 53%, 53%
HSV	143°, 64%, 78%
XYZ	26.1828, 43.0838, 24.7053
YIQ	151.1350, -50.6540, -51.1820

Conversions

Conversions Part 2

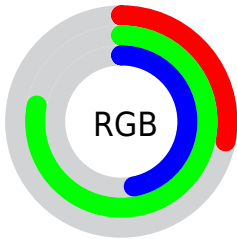
Format	Color
RYB	71, 163, 198
Decimal	4703864
CIELab	71.61, -52.30, 29.07
CIELCh	72, 59.839, 150.935
Yxy	43.0838, 0.2786, 0.4585
Android (android.graphics.Color)	4282893944 (0xFF47C678)
YUV	151.1350, -15.3496, -70.2784
Hunter-Lab	65.6383, -43.6642, 23.6309

Details

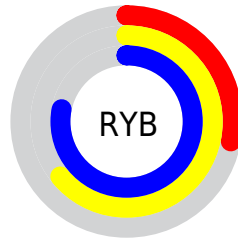
The Hex color **47C678** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C64795**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **84FFAD**, and **008F46** is the 20% darker color. If you saturate the color by 10%, you get **33C66C**, and if you desaturate by 10%, it is **5BC684**.

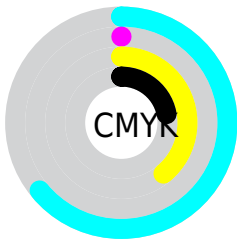
Distribution



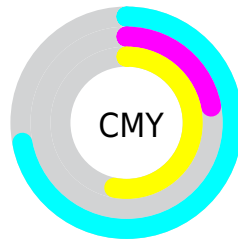
- Red (28%)
- Green (78%)
- Blue (47%)



- Red (28%)
- Yellow (64%)
- Blue (78%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C678 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 47C678 by changing the saturation by 10% instead.

 47C678

 47C678

FFFFFF

 21AA5F

 84FFAD

 008F46

 A1FFC9

 00752F

 BFFFE5

 005B18

 DDFFFF

 004200

 FBFFFF

 002C00

 000B00

 000000

 47C678

 47C678

 33C66C

 5BC684

 1FC660

 6FC690

 0CC654

 82C69C

 00C64C

 96C6A9

 AAC6B5

 BEC6C1

 D2C6CD

 E5C6D9

 F9C6E5

Harmonies

Analogous

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



95BD4C



47C678



00CAAF

Triad

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



47C678



37B5FF



FF867A

Complementary

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



47C678



C64795

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.



FF7FB0



47C678



B4A0FF

Square

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



47C678



00C3FF



F38AE5



F7994F

Rectangle

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



47C678



00CAD5



F38AE5



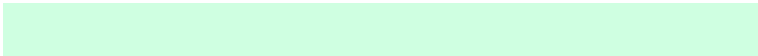
FF818C

Sweetspot

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



47C678



CFFFE1



95C647



62806D



000000



808080

Same Dimension

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



47C678



3BFF86



47C6B7



5A635D



00A33F



00240E

Inverse Universe

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



C64795



FF3BB3



C64756



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color 47C678 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 47C678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

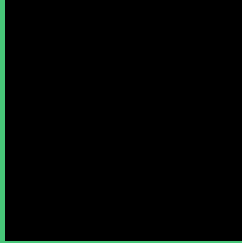
Any Text WCAG AA ✓ Pass

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 47C678 Background



This preview shows how black text looks on a background with the Hex color 47C678.

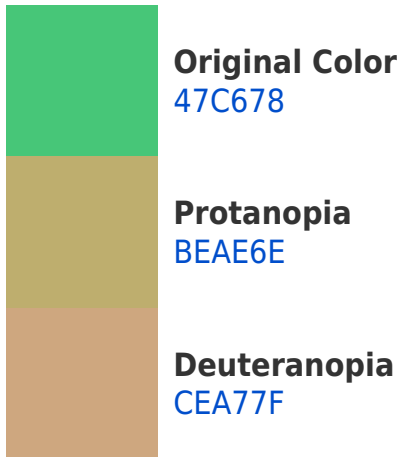


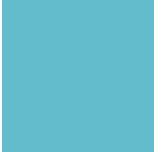
This preview shows how white text looks on a background with the Hex color 47C678.

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
62BCCB

Trichromacy



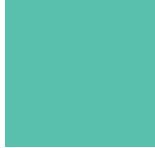
Original Color
47C678



Protanomaly
93B772



Deuteranomaly
9DB27C



Tritanomaly
58C0AD

Monochromacy



Original Color
47C678



Achromatopsia
979797



Achromatomaly
7AA88C

CSS Examples

Text

The CSS property to change the color of the text to Hex 47C678 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 #47C678 looks like.

```
.text, #text, p{  
    color:#47C678  
}
```

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 #47C678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C678  
}
```

Border

The CSS property to change the border of an element to Hex 47C678 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  
#47C678 }
```

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

```
.border{ border-color:#47C678 }
```

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

Here you see how a box with a 4 pixel #47C678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C678; -webkit-box-shadow:4px 4px  
4px 4px #47C678; box-shadow:4px 4px 4px  
4px #47C678 }
```

Background

The CSS property to change the background color of an element to Hex 47C678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C678 }
```

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

```
.background{ background-color:#47C678 }
```

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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