

Converting Colors

Hex(47CE82)

Have a look what the booklet for
Hex(47CE82) contains.

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Color

Hex(47CE82)

Conversions

Conversions Part 1

Format	Color
Hex	47CE82
RGB	71, 206, 130
RGB Percent	28%, 81%, 51%
CMY	0.7216, 0.1922, 0.4902
CMYK	0.66, 0.00, 0.37, 0.19
HSL	146°, 58%, 54%
HSV	146°, 66%, 81%
XYZ	28.6991, 47.0939, 28.6965
YIQ	156.9710, -56.0640, -52.2560

Conversions

Conversions Part 2

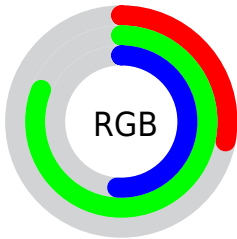
Format	Color
RYB	71, 165, 206
Decimal	4705922
CIELab	74.25, -53.57, 27.37
CIELCh	74, 60.158, 152.933
Yxy	47.0939, 0.2747, 0.4507
Android (android.graphics.Color)	4282896002 (0xFF47CE82)
YUV	156.9710, -13.2967, -75.3966
Hunter-Lab	68.6250, -45.4447, 23.2445

Details

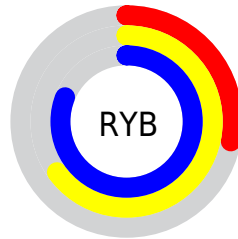
The Hex color **47CE82** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CE4793**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **85FFB7**, and **009750** is the 20% darker color. If you saturate the color by 10%, you get **32CE76**, and if you desaturate by 10%, it is **5CCE8E**.

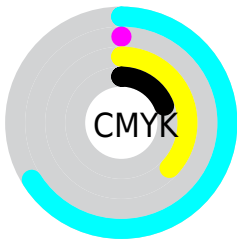
Distribution



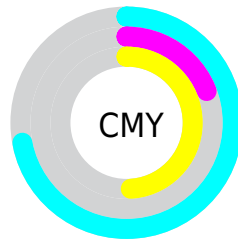
- Red (28%)
- Green (81%)
- Blue (51%)



- Red (28%)
- Yellow (65%)
- Blue (81%)



- Cyan (66%)
- Magenta (0%)
- Yellow (37%)
- Black (19%)



- Cyan (72%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47CE82 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 47CE82 by changing the saturation by 10% instead.

 47CE82

 47CE82

FFFFFF

 1FB268

 85FFB7

 009750

 A3FFD3

 007C38

 C1FFF0

 006221

 DFFFFFF

 00490A

 FFFFFFF

 003200

 001700

 000000

 47CE82

 47CE82

 32CE76

 5CCE8E

 1ECE6B

 70CE99

 09CE5F

 85CEA5

 00CE5A

 99CEB0

 AECEBC

 C3CEC8

 D7CED3

 ECCEDF

 FFCEEA

Harmonies

Analogous

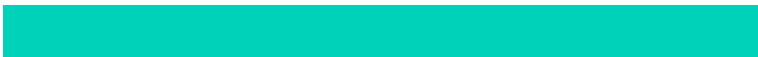
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98C555



47CE82



00D2BA

Triad

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



47CE82



50BBFF



FF8E7E

Complementary

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



47CE82



CE4793

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.



FF85B3



47CE82



C0A6FF

Square

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



47CE82



00C9FF



FF90EA



FDA153

Rectangle

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



47CE82



00D2E0



FF90EA



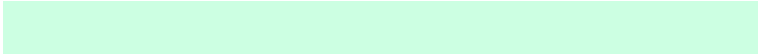
FF898F

Sweetspot

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



47CE82



CCFFE2



94CE47



61806E



000000



808080

Same Dimension

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



47CE82



36FF8E



47CEC5



5C6660



00A648



002611

Inverse Universe

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



CE4793



FF36A7



CE4750



665C62



A6005D



260016

Previews

White Background



This preview shows how the Hex color 47CE82 looks on a white background.

Color Contrast Check

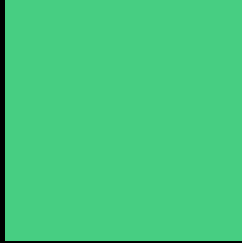
Large Text (above 18pt) WCAG AA × Fail

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 47CE82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

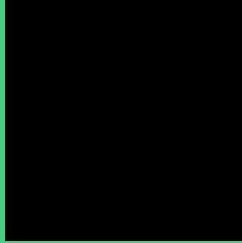
Any Text WCAG AA ✓ Pass

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 47CE82 Background



This preview shows how black text looks on a background with the Hex color 47CE82.

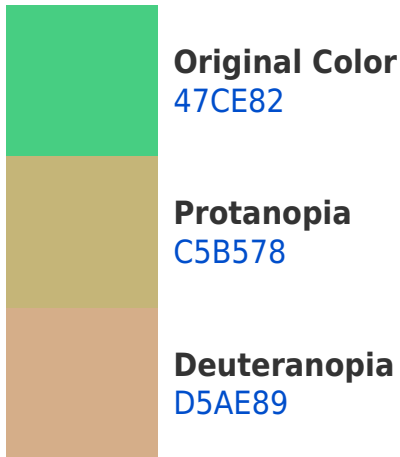


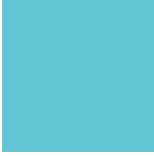
This preview shows how white text looks on a background with the Hex color 47CE82.

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
63C4D4

Trichromacy



Original Color
47CE82



Protanomaly
97BE7C



Deuteranomaly
A1BA86



Tritanomaly
59C8B6

Monochromacy



Original Color
47CE82



Achromatopsia
9D9D9D



Achromatomaly
7EAF93

CSS Examples

Text

The CSS property to change the color of the text to Hex 47CE82 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 #47CE82 looks like.

```
.text, #text, p{  
    color:#47CE82  
}
```

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 #47CE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CE82
}
```

Border

The CSS property to change the border of an element to Hex 47CE82 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
#47CE82 }
```

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

```
.border{ border-color:#47CE82 }
```

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

Here you see how a box with a 4 pixel #47CE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CE82; -webkit-box-shadow:4px 4px  
4px 4px #47CE82; box-shadow:4px 4px 4px  
4px #47CE82 }
```

Background

The CSS property to change the background color of an element to Hex 47CE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CE82 }
```

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

```
.background{ background-color:#47CE82 }
```

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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