

Converting Colors

Hex(42C783)

Have a look what the booklet for
Hex(42C783) contains.

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Color

Hex(42C783)

Conversions

Conversions Part 1

Format	Color
Hex	42C783
RGB	66, 199, 131
RGB Percent	26%, 78%, 51%
CMY	0.7412, 0.2196, 0.4863
CMYK	0.67, 0.00, 0.34, 0.22
HSL	149°, 54%, 52%
HSV	149°, 67%, 78%
XYZ	26.7669, 43.6438, 28.4861
YIQ	151.4810, -57.4400, -49.3440

Conversions

Conversions Part 2

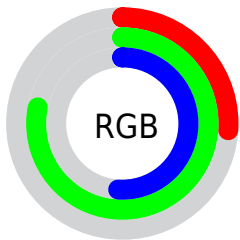
Format	Color
RYB	66, 155, 199
Decimal	4376451
CIELab	71.99, -51.53, 23.79
CIELCh	72, 56.758, 155.217
Yxy	43.6438, 0.2707, 0.4413
Android (android.graphics.Color)	4282566531 (0xFF42C783)
YUV	151.4810, -10.0971, -74.9668
Hunter-Lab	66.0634, -43.2882, 20.6790

Details

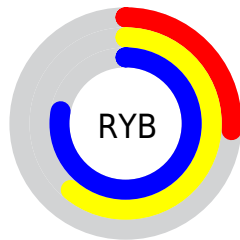
The Hex color **42C783** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C74286**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **80FFB8**, and **009051** is the 20% darker color. If you saturate the color by 10%, you get **2EC779**, and if you desaturate by 10%, it is **56C78D**.

Distribution



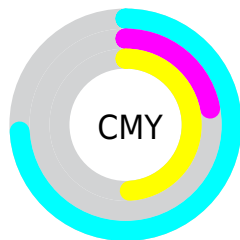
- Red (26%)
- Green (78%)
- Blue (51%)



- Red (26%)
- Yellow (61%)
- Blue (78%)



- Cyan (67%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (74%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42C783 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 42C783 by changing the saturation by 10% instead.

 42C783

 42C783

FFFFFF

 18AB6A

 80FFB8

 009051

 9EFFD4

 007539

 BCFFF1

 005C23

 D9FFFF

 00430D

 F8FFFF

 002D00

 000D00

 000000

 42C783

 42C783

 2EC779

 56C78D

 1AC76F

 6AC797

 06C764

 7EC7A2

 00C761

 92C7AC

 A6C7B6

 B9C7C0

 CDC7CA

 E1C7D4

 F5C7DF

Harmonies

Analogous

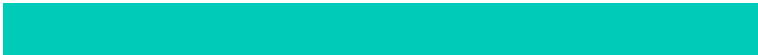
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FBF58



42C783



00CAB8

Triad

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



42C783



60B3FF



FF8B77

Complementary

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



42C783



C74286

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.



FF83A9



42C783



C09FFF

Square

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



42C783



00C1FF



F78BDD



F09E51

Rectangle

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



42C783



00CADB



F78BDD



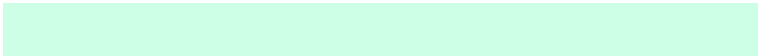
FF8787

Sweetspot

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



42C783



CCFFE5



87C742



618070



000000



808080

Same Dimension

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



42C783



33FF97



42C7C5



5A635E



00A350



002411

Inverse Universe

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



C74286



FF339B



C74244



635A5F



A30053



240012

Previews

White Background



This preview shows how the Hex color 42C783 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 42C783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

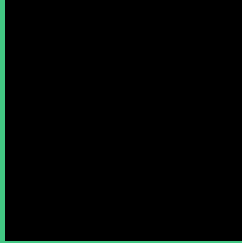
Any Text WCAG AA ✓ Pass

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 42C783 Background



This preview shows how black text looks on a background with the Hex color 42C783.

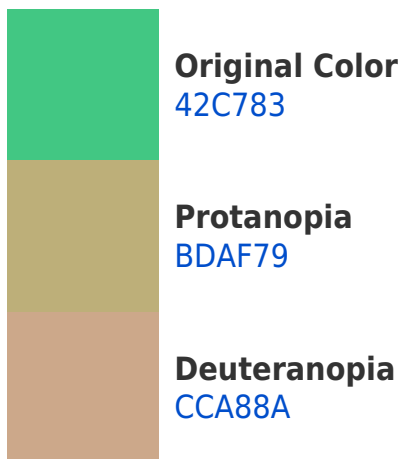


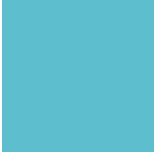
This preview shows how white text looks on a background with the Hex color 42C783.

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





Trichromacy



Original Color
42C783



Protanomaly
90B87D



Deuteranomaly
9AB387



Tritanomaly
53C1B2

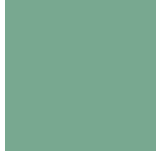
Monochromacy



Original Color
42C783



Achromatopsia
979797



Achromatomaly
78A890

CSS Examples

Text

The CSS property to change the color of the text to Hex 42C783 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 #42C783 looks like.

```
.text, #text, p{  
    color:#42C783  
}
```

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 #42C783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C783
}
```

Border

The CSS property to change the border of an element to Hex 42C783 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
#42C783 }
```

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

```
.border{ border-color:#42C783 }
```

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

Here you see how a box with a 4 pixel #42C783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C783; -webkit-box-shadow:4px 4px  
4px 4px #42C783; box-shadow:4px 4px 4px  
4px #42C783 }
```

Background

The CSS property to change the background color of an element to Hex 42C783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C783 }
```

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

```
.background{ background-color:#42C783 }
```

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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