

Converting Colors

Hex(42C33C)

Have a look what the booklet for
Hex(42C33C) contains.

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Color

Hex(42C33C)

Conversions

Conversions Part 1

Format	Color
Hex	42C33C
RGB	66, 195, 60
RGB Percent	26%, 76%, 24%
CMY	0.7412, 0.2353, 0.7647
CMYK	0.66, 0.00, 0.69, 0.24
HSL	117°, 53%, 50%
HSV	117°, 69%, 76%
XYZ	22.5775, 40.5147, 10.9051
YIQ	141.0390, -33.5490, -69.3330

Conversions

Conversions Part 2

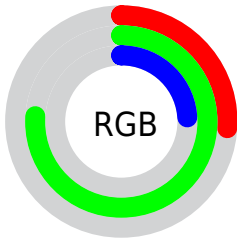
Format	Color
RYB	60, 195, 189
Decimal	4375356
CIELab	69.83, -60.32, 55.11
CIELCh	70, 81.704, 137.583
Yxy	40.5147, 0.3051, 0.5475
Android (android.graphics.Color)	4282565436 (0xFF42C33C)
YUV	141.0390, -39.9522, -65.8092
Hunter-Lab	63.6512, -48.0744, 34.3979

Details

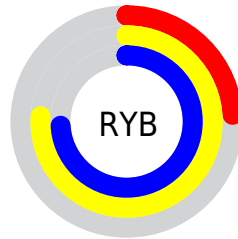
The Hex color **42C33C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **BD3CC3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **81FD72**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **2FC329**, and if you desaturate by 10%, it is **55C350**.

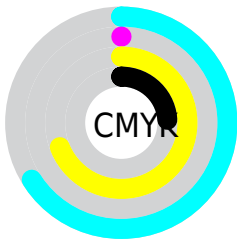
Distribution



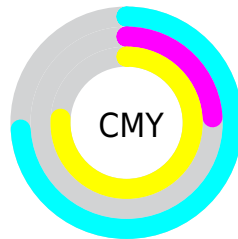
- Red (26%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (74%)



- Cyan (66%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (74%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42C33C 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 42C33C by changing the saturation by 10% instead.

 42C33C

 42C33C

FFFFFF

 16A71E

 81FD72

 008C00

 9FFF8D

 007100

 BDFFA9

 005800

 DBFFC5

 003F00

 FAFFE2

 002700

 000000

 42C33C

 42C33C

 2FC329

 55C350

 1DC315

 67C363

 0AC302

 7AC377

 09C300

 8DC38A

 9FC39E

 B2C3B1

 C4C3C5

 D7C3D8

 EAC3EC

Harmonies

Analogous

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



A3B400



42C33C



00CA88

Triad

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



42C33C



00BCFF



FF5D83

Complementary

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



42C33C



BD3CC3

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.



FF5FCD



42C33C



5DA4FF

Square

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



42C33C



00C9FF



E381FF



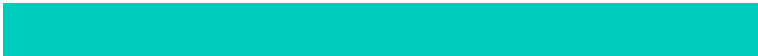
FF7B3D

Rectangle

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



42C33C



00CCBC



E381FF



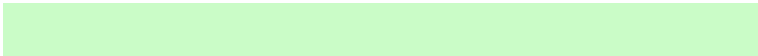
FF599B

Sweetspot

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



42C33C



CAFCC7



C3BC3C



618060



000000



808080

Same Dimension

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



42C33C



34FC2B



3CC379



586157



07A100



012100

Inverse Universe

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



BD3CC3



F32BFC



C33C86



605761



9A00A1



200021

Previews

White Background



This preview shows how the Hex color 42C33C looks on a white background.

Color Contrast Check

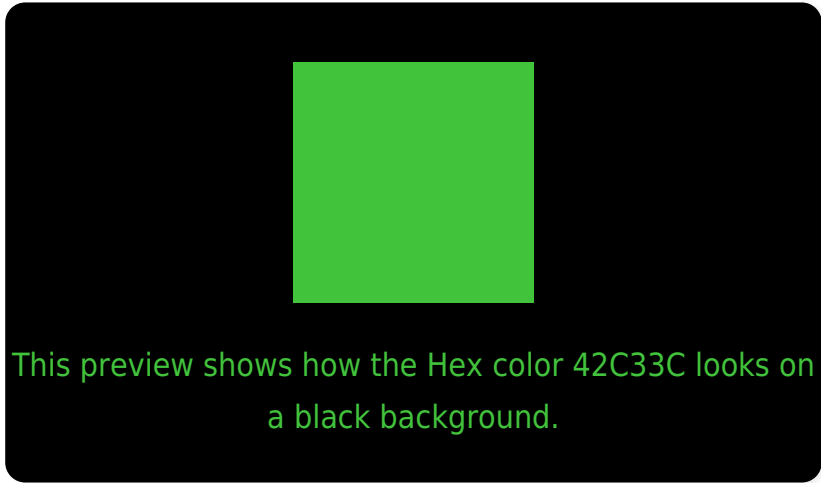
Large Text (above 18pt) WCAG AA × Fail

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 42C33C Background



This preview shows how black text looks on a background with the Hex color 42C33C.

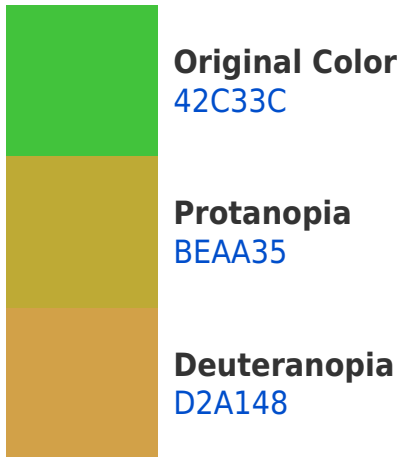


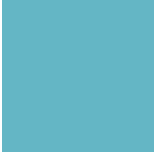
This preview shows how white text looks on a background with the Hex color 42C33C.

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
64B6C5

Trichromacy



Original Color
42C33C



Protanomaly
91B338



Deuteranomaly
9EAD44



Tritanomaly
58BB93

Monochromacy



Original Color
42C33C



Achromatopsia
8D8D8D



Achromatomaly
72A170

CSS Examples

Text

The CSS property to change the color of the text to Hex 42C33C 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 #42C33C looks like.

```
.text, #text, p{  
    color:#42C33C  
}
```

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 #42C33C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C33C
}
```

Border

The CSS property to change the border of an element to Hex 42C33C 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
#42C33C }
```

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

```
.border{ border-color:#42C33C }
```

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

Here you see how a box with a 4 pixel #42C33C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C33C; -webkit-box-shadow:4px 4px  
4px 4px #42C33C; box-shadow:4px 4px 4px  
4px #42C33C }
```

Background

The CSS property to change the background color of an element to Hex 42C33C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C33C }
```

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

```
.background{ background-color:#42C33C }
```

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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