

Converting Colors

Hex(42B54C)

Have a look what the booklet for
Hex(42B54C) contains.

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Color

Hex(42B54C)

Conversions

Conversions Part 1

Format	Color
Hex	42B54C
RGB	66, 181, 76
RGB Percent	26%, 71%, 30%
CMY	0.7412, 0.2902, 0.7020
CMYK	0.64, 0.00, 0.58, 0.29
HSL	125°, 47%, 48%
HSV	125°, 64%, 71%
XYZ	20.0751, 34.7278, 12.4825
YIQ	134.6450, -34.8350, -57.0350

Conversions

Conversions Part 2

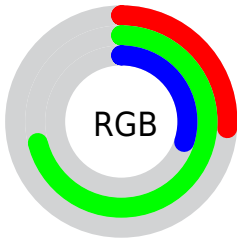
Format	Color
RYB	66, 172, 181
Decimal	4371788
CIELab	65.54, -53.68, 43.42
CIELCh	66, 69.045, 141.032
Yxy	34.7278, 0.2984, 0.5161
Android (android.graphics.Color)	4282561868 (0xFF42B54C)
YUV	134.6450, -28.9120, -60.2017
Hunter-Lab	58.9303, -42.3204, 28.6925

Details

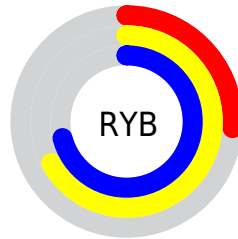
The Hex color **42B54C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B542AB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7EEE80**, and **007F18** is the 20% darker color. If you saturate the color by 10%, you get **30B53B**, and if you desaturate by 10%, it is **54B55D**.

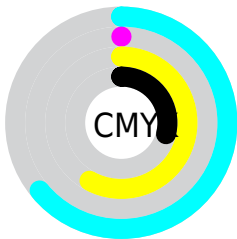
Distribution



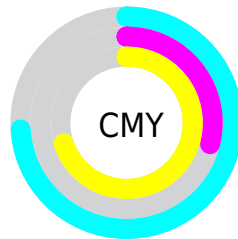
- Red (26%)
- Green (71%)
- Blue (30%)



- Red (26%)
- Yellow (67%)
- Blue (71%)



- Cyan (64%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)



- Cyan (74%)
- Magenta (29%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42B54C 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 42B54C by changing the saturation by 10% instead.



42B54C



42B54C

FFFFFF



1C9A33



7EEE80



007F18



9BFF9B



006500



B8FFB6



004C00



D6FFD2



003400



F4FFEF



001C00



000000



42B54C



42B54C



30B53B



54B55D

 1EB52B

 66B56D

 0CB51A

 78B57E

 00B510

 8AB58E

 9DB59F

 AFB5AF

 C1B5C0

 D3B5D0

 E5B5E1

Harmonies

Analogous

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



94A915



42B54C



00BB8A

Triad

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



42B54C



00ACFF



FF6577

Complementary

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



42B54C



B542AB

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.



FF64B4



42B54C



7A97FF

Square

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



42B54C



00B8FF



D77BEE



F87C3F

Rectangle

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



42B54C



00BCB5



D77BEE



FF618B

Sweetspot

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



42B54C



BEEBC2



ABB542



5A755D



F5F5F5



757575

Same Dimension

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



42B54C



38EB48



42B585



505951



00990D



001A02

Inverse Universe

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



B542AB



EB38DB



B54272



595058



99008C



1A0017

Previews

White Background



This preview shows how the Hex color 42B54C looks on a white background.

Color Contrast Check

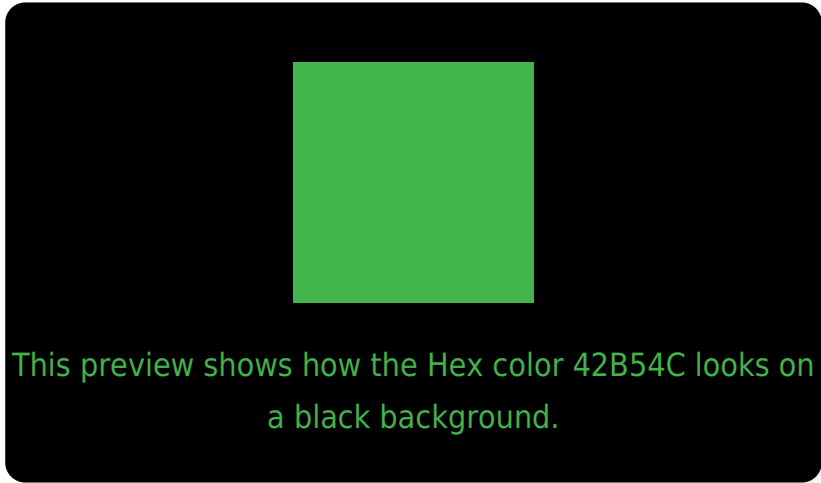
Large Text (above 18pt) WCAG AA × Fail

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

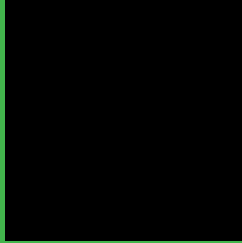
Any Text WCAG AA ✓ Pass

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 42B54C Background



This preview shows how black text looks on a background with the Hex color 42B54C.

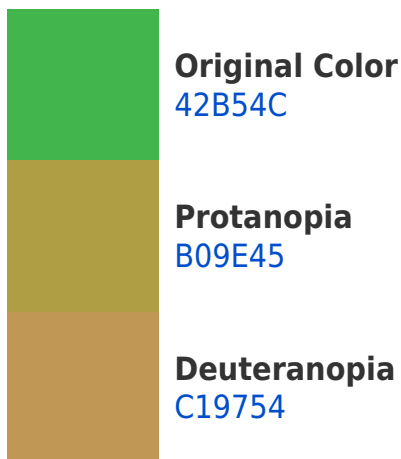


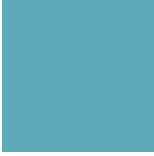
This preview shows how white text looks on a background with the Hex color 42B54C.

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
42B54C



Protanomaly
88A648



Deuteranomaly
93A251



Tritanomaly
54AE91

Monochromacy



Original Color
42B54C



Achromatopsia
878787



Achromatomaly
6E9872

CSS Examples

Text

The CSS property to change the color of the text to Hex 42B54C 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 #42B54C looks like.

```
.text, #text, p{  
    color:#42B54C  
}
```

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 #42B54C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B54C
}
```

Border

The CSS property to change the border of an element to Hex 42B54C 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
#42B54C }
```

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

```
.border{ border-color:#42B54C }
```

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

Here you see how a box with a 4 pixel #42B54C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B54C; -webkit-box-shadow:4px 4px  
4px 4px #42B54C; box-shadow:4px 4px 4px  
4px #42B54C }
```

Background

The CSS property to change the background color of an element to Hex 42B54C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B54C }
```

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

```
.background{ background-color:#42B54C }
```

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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