

Converting Colors

Hex(42BC47)

Have a look what the booklet for
Hex(42BC47) contains.

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Color

Hex(42BC47)

Conversions

Conversions Part 1	
Format	Color
Hex	42BC47
RGB	66, 188, 71
RGB Percent	26%, 74%, 28%
CMY	0.7412, 0.2627, 0.7216
CMYK	0.65, 0.00, 0.62, 0.26
HSL	122°, 48%, 50%
HSV	122°, 65%, 74%
XYZ	21.3673, 37.5796, 12.0887
YIQ	138.1840, -35.1550, -62.2510

Conversions

Conversions Part 2

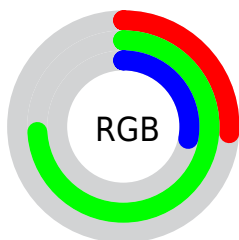
Format	Color
RYB	66, 183, 188
Decimal	4373575
CIELab	67.71, -56.79, 48.20
CIELCh	68, 74.491, 139.678
Yxy	37.5796, 0.3008, 0.5290
Android (android.graphics.Color)	4282563655 (0xFF42BC47)
YUV	138.1840, -33.1217, -63.3054
Hunter-Lab	61.3022, -45.0615, 31.2197

Details

The Hex color **42BC47** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BC42B7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **80F57C**, and **00850E** is the 20% darker color. If you saturate the color by 10%, you get **2FBC35**, and if you desaturate by 10%, it is **55BC59**.

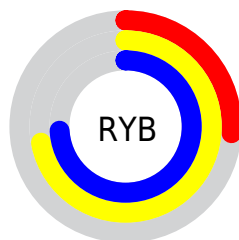
Distribution



Red (26%)

Green (74%)

Blue (28%)



Red (26%)

Yellow (72%)

Blue (74%)

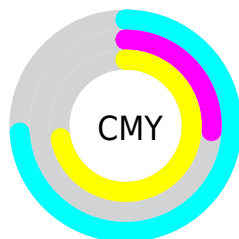


Cyan (65%)

Magenta (0%)

Yellow (62%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42BC47 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 42BC47 by changing the saturation by 10% instead.

 42BC47

FFFFFF

 80F57C

 9DFF97

 BBFFB2

 D8FFCE

 F7FFEB

 42BC47

 19A02D

 00850E

 006B00

 005200

 003900

 002200

 000000

 42BC47

 2FBC35

 42BC47

 55BC59

 1CBC23

 68BC6B

 0ABC11

 7ABC7D

 00BC08

 8DBC8F

 A0BCA1

 B3BCB3

 C6BCC5

 D8BCD7

 EBBCE9

Harmonies

Analogous

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



9BAF00



42BC47



00C28B

Triad

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



42BC47



00B4FF



FF637C

Complementary

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



42BC47



BC42B7

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.



FF63BF



42BC47



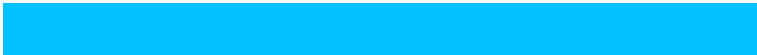
729DFF

Square

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



42BC47



00C0FF



DE7EFD



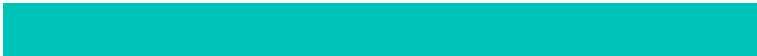
FF7D3E

Rectangle

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



42BC47



00C4BA



DE7EFD



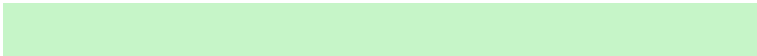
FF5F92

Sweetspot

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



42BC47



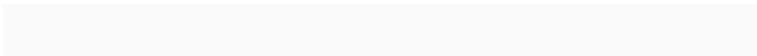
C6F5C8



B8BC42



5E7A5F



FAFAFA



7A7A7A

Same Dimension

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



42BC47



36F53E



42BC83



555E55



009E06



001F01

Inverse Universe

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



BC42B7



F536ED



BC427B



5E555E



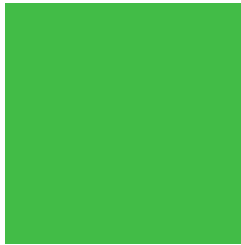
9E0098



1F001D

Previews

White Background



This preview shows how the Hex color 42BC47 looks on a white background.

Color Contrast Check

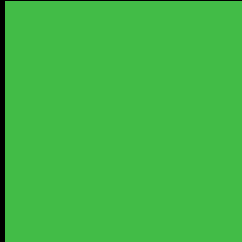
Large Text (above 18pt) WCAG AA × Fail

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 42BC47 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 42BC47 Background



This preview shows how black text looks on a background with the Hex color 42BC47.



This preview shows how white text looks on a background with the Hex color 42BC47.

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](#).

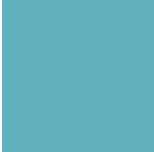
Dichromacy



Original Color
42BC47

Protanopia
B6A440





Deuteranopia
CA9C51






Tritanopia

61B0BE

Trichromacy

	Original Color 42BC47
	Protanomaly 8CAD43
	Deuteranomaly 99A84D
	Tritanomaly 56B493

Monochromacy

	Original Color 42BC47
	Achromatopsia 8A8A8A
	Achromatomaly 709C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 42BC47 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 #42BC47 looks like.

```
.text, #text, p{  
    color:#42BC47  
}
```

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 #42BC47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BC47
}
```

Border

The CSS property to change the border of an element to Hex 42BC47 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
#42BC47 }
```

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

```
.border{ border-color:#42BC47 }
```

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

Here you see how a box with a 4 pixel #42BC47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BC47; -webkit-box-shadow:4px 4px  
4px 4px #42BC47; box-shadow:4px 4px 4px  
4px #42BC47 }
```

Background

The CSS property to change the background color of an element to Hex 42BC47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BC47 }
```

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

```
.background{ background-color:#42BC47 }
```

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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