

Converting Colors

Hex(42BD1A)

Have a look what the booklet for
Hex(42BD1A) contains.

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Color

Hex(42BD1A)

Conversions

Conversions Part 1

Format	Color
Hex	42BD1A
RGB	66, 189, 26
RGB Percent	26%, 74%, 10%
CMY	0.7412, 0.2588, 0.8980
CMYK	0.65, 0.00, 0.86, 0.26
HSL	105°, 76%, 42%
HSV	105°, 86%, 74%
XYZ	20.6308, 37.6280, 7.1529
YIQ	133.6410, -20.9850, -76.7690

Conversions

Conversions Part 2

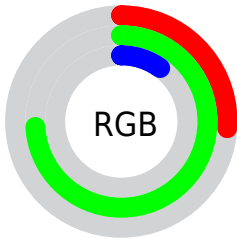
Format	Color
RYB	26, 189, 149
Decimal	4373786
CIELab	67.75, -60.48, 63.69
CIElCh	68, 87.832, 133.521
Yxy	37.6280, 0.3154, 0.5752
Android (android.graphics.Color)	4282563866 (0xFF42BD1A)
YUV	133.6410, -53.0670, -59.3212
Hunter-Lab	61.3417, -47.3137, 36.0256

Details

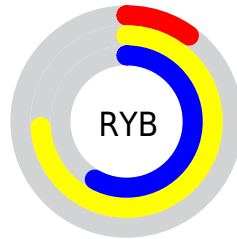
The Hex color **42BD1A** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **951ABD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **82F658**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **34BD07**, and if you desaturate by 10%, it is **50BD2D**.

Distribution



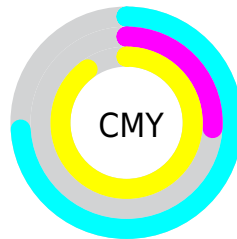
- Red (26%)
- Green (74%)
- Blue (10%)



- Red (10%)
- Yellow (74%)
- Blue (58%)



- Cyan (65%)
- Magenta (0%)
- Yellow (86%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42BD1A 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 42BD1A by changing the saturation by 10% instead.

 42BD1A

 42BD1A

FFFFFF

 16A100

 82F658

 008600

 A0FF74

 006C00

 BEFF90

 005200

 DCFFAC

 003A00

 FAFFC9

 002200

 FFFFE6

 000000

 42BD1A

 42BD1A

 34BD07

 50BD2D

 2EBD00

 5FBD40

 6DBD53

 7BBD66

 89BD79

 98BD8B

 A6BD9E

 B4BDB1

 C2BDC4

Harmonies

Analogous

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



A6AD00



42BD1A



00C575

Triad

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



42BD1A



00BAFF



FF4685

Complementary

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



42BD1A



951ABD

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.



FF51D4



42BD1A



00A3FF

Square

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



42BD1A



00C5FF



D37DFF



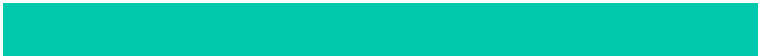
FF6A39

Rectangle

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



42BD1A



00C8AD



D37DFF



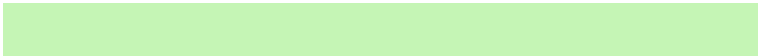
FF439F

Sweetspot

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



42BD1A



C5F5B5



BD941A



5E7A54



FAFAFA



7A7A7A

Same Dimension

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



42BD1A



3CF500



1ABD43



575E55



279E00



081F00

Inverse Universe

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



951ABD



B900F5



BD1A94



5C555E



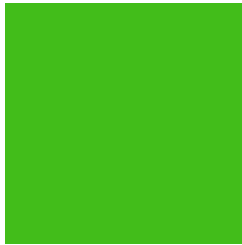
77009E



17001F

Previews

White Background



This preview shows how the Hex color 42BD1A looks on a white background.

Color Contrast Check

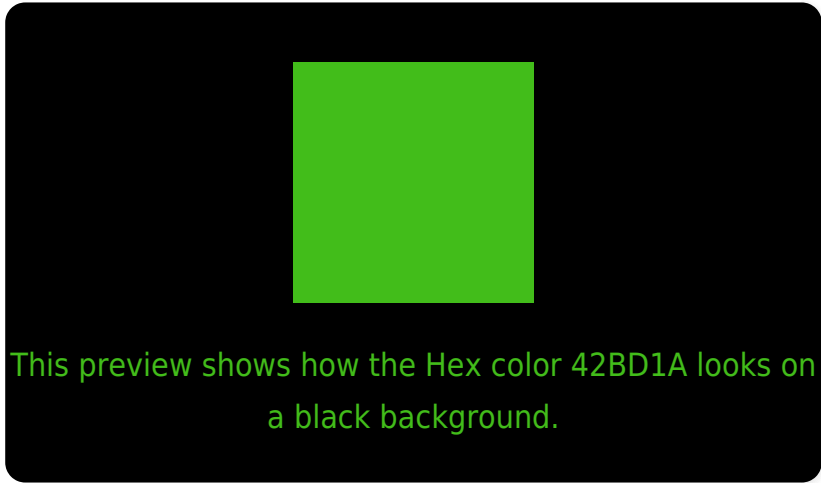
Large Text (above 18pt) WCAG AA × Fail

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

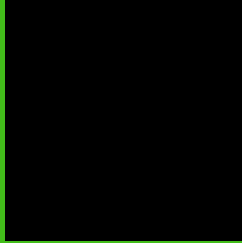
Any Text WCAG AA ✓ Pass

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 42BD1A Background



This preview shows how black text looks on a background with the Hex color 42BD1A.

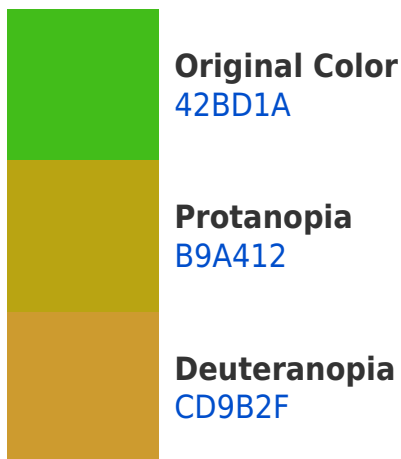


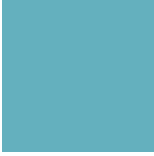
This preview shows how white text looks on a background with the Hex color 42BD1A.

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](#).

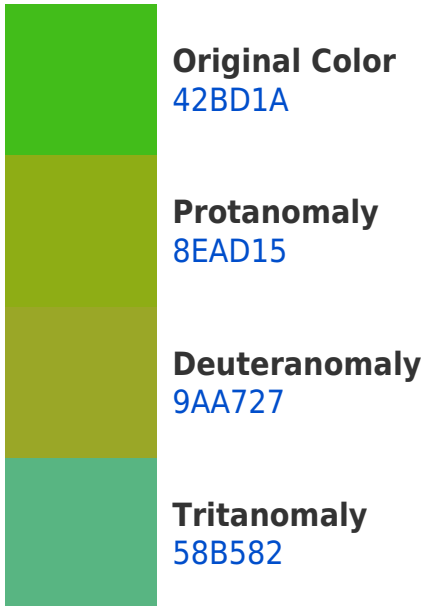
Dichromacy



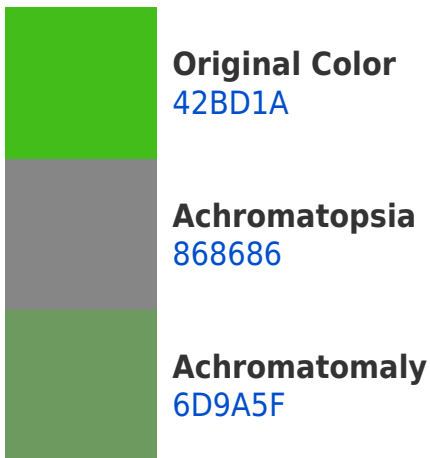


Tritanopia
64B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42BD1A 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 #42BD1A looks like.

```
.text, #text, p{  
    color:#42BD1A  
}
```

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 #42BD1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BD1A
}
```

Border

The CSS property to change the border of an element to Hex 42BD1A 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
#42BD1A }
```

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

```
.border{ border-color:#42BD1A }
```

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

Here you see how a box with a 4 pixel #42BD1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BD1A; -webkit-box-shadow:4px 4px  
4px 4px #42BD1A; box-shadow:4px 4px 4px  
4px #42BD1A }
```

Background

The CSS property to change the background color of an element to Hex 42BD1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BD1A }
```

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

```
.background{ background-color:#42BD1A }
```

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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