

Converting Colors

Hex(42CB2A)

Have a look what the booklet for
Hex(42CB2A) contains.

| | |
|------------------------------------------------|----|
| Hex(42CB2A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(42CB2A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 42CB2A |
| RGB | 66, 203, 42 |
| RGB Percent | 26%, 80%, 16% |
| CMY | 0.7412, 0.2039, 0.8353 |
| CMYK | 0.67, 0.00, 0.79, 0.20 |
| HSL | 111°, 66%, 48% |
| HSV | 111°, 79%, 80% |
| XYZ | 24.0206, 44.0373, 9.4245 |
| YIQ | 143.6830, -29.9710, -79.1150 |

Conversions

Conversions Part 2

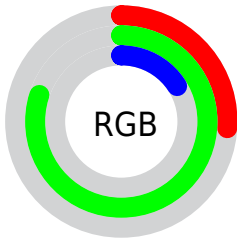
| Format | Color |
|-------------------------------------|--------------------------------------------------|
| RYB | 42, 203, 179 |
| Decimal | 4377386 |
| CIELab | 72.25, -64.28, 63.69 |
| CIELCh | 72, 90.492, 135.265 |
| Yxy | 44.0373, 0.3100, 0.5684 |
| Android (android.graphics.Color) | 4282567466 (0xFF42CB2A) |
| YUV | 143.6830, -50.1297, -68.1280 |
| Hunter-Lab | 66.3606, -51.5192, 38.0321 |

Details

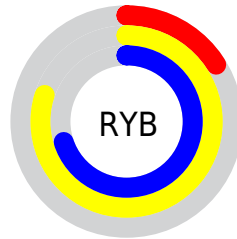
The Hex color **42CB2A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **B32ACB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **84FF65**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **31CB16**, and if you desaturate by 10%, it is **53CB3E**.

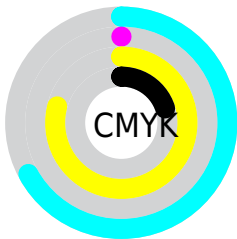
Distribution



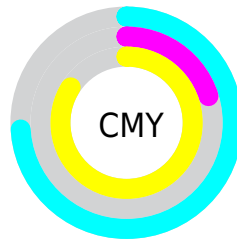
- Red (26%)
- Green (80%)
- Blue (16%)



- Red (16%)
- Yellow (80%)
- Blue (70%)



- Cyan (67%)
- Magenta (0%)
- Yellow (79%)
- Black (20%)



- Cyan (74%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42CB2A 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 42CB2A by changing the saturation by 10% instead.

 42CB2A

 42CB2A

FFFFFF

 10AF00


 84FF65

 009300

 A2FF81

 007900

 C1FF9D

 005E00

 DFFFB9

 004500

 FEFFD6

 002E00

 FFFFF3

 000F00

 000000

 42CB2A

 42CB2A

 31CB16

 53CB3E

 1FCB01

 65CB53

 1ECB00

 76CB67

 87CB7B

 98CB90

 AACBA4

 BBCBB8

 CCCBCC

 DDCBE1

Harmonies

Analogous

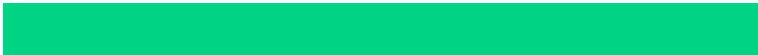
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEBA00



42CB2A



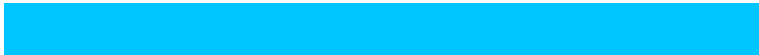
00D384

Triad

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



42CB2A



00C6FF



FF528B

Complementary

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



42CB2A



B32ACB

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.



FF5ADE



42CB2A



25ADFF

Square

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



42CB2A



00D3FF



E885FF



FF773C

Rectangle

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



42CB2A



00D6BE



E885FF



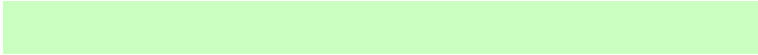
FF4EA6

Sweetspot

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



42CB2A



CBFFC2



CBB32A



60805B



000000



808080

Same Dimension

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



42CB2A



31FF0D



2ACB62



5D665C



19A600



062600

Inverse Universe

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



B32ACB



DB0DFF



CB2A93



645C66



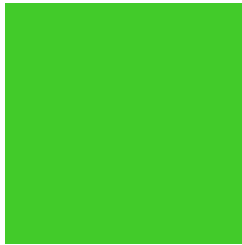
8D00A6



210026

Previews

White Background



This preview shows how the Hex color 42CB2A looks on a white background.

Color Contrast Check

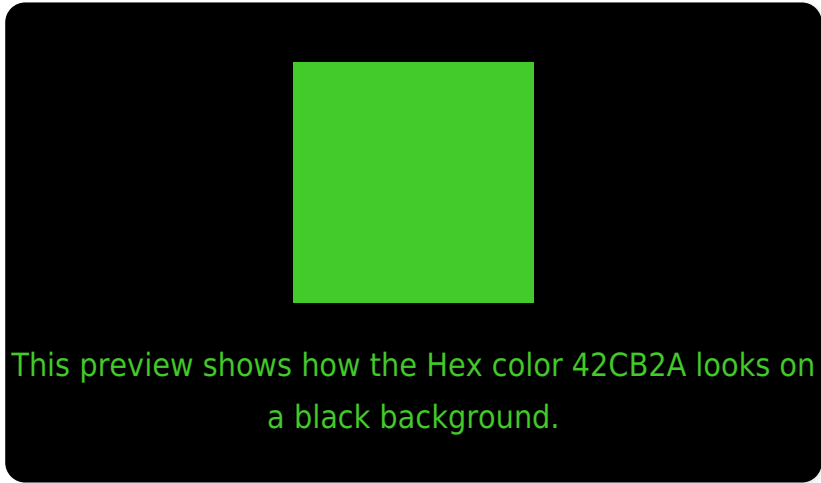
Large Text (above 18pt) WCAG AA × Fail

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

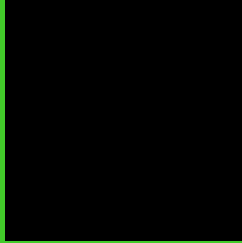
Any Text WCAG AA ✓ Pass

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 42CB2A Background



This preview shows how black text looks on a background with the Hex color 42CB2A.

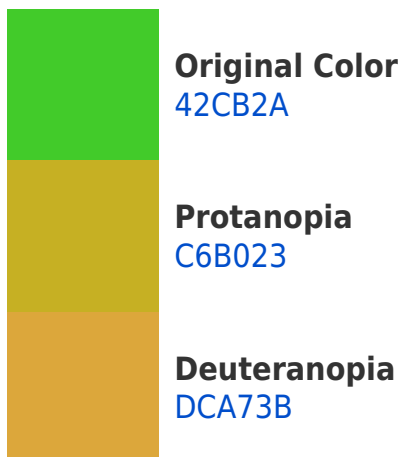


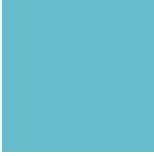
This preview shows how white text looks on a background with the Hex color 42CB2A.

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](#).

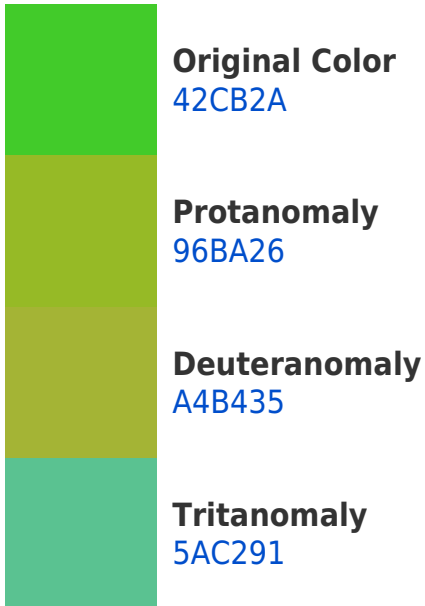
Dichromacy



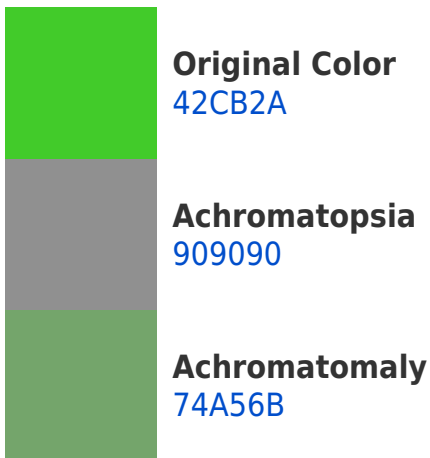


Tritanopia
68BDCC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42CB2A 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 #42CB2A looks like.

```
.text, #text, p{  
    color:#42CB2A  
}
```

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 #42CB2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42CB2A
}
```

Border

The CSS property to change the border of an element to Hex 42CB2A 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
#42CB2A }
```

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

```
.border{ border-color:#42CB2A }
```

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

Here you see how a box with a 4 pixel #42CB2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42CB2A; -webkit-box-shadow:4px 4px  
4px 4px #42CB2A; box-shadow:4px 4px 4px  
4px #42CB2A }
```

Background

The CSS property to change the background color of an element to Hex 42CB2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42CB2A }
```

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

```
.background{ background-color:#42CB2A }
```

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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