

Converting Colors

Hex(42AA4B)

Have a look what the booklet for
Hex(42AA4B) contains.

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Color

Hex(42AA4B)

Conversions

Conversions Part 1

Format	Color
Hex	42AA4B
RGB	66, 170, 75
RGB Percent	26%, 67%, 29%
CMY	0.7412, 0.3333, 0.7059
CMYK	0.61, 0.00, 0.56, 0.33
HSL	125°, 44%, 46%
HSV	125°, 61%, 67%
XYZ	17.8915, 30.4157, 11.5844
YIQ	128.0740, -31.4890, -51.5930

Conversions

Conversions Part 2

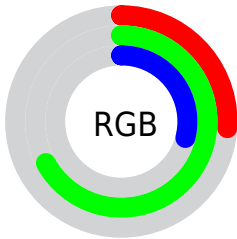
Format	Color
RYB	66, 162, 170
Decimal	4368971
CIELab	62.01, -49.70, 39.73
CIELCh	62, 63.631, 141.360
Yxy	30.4157, 0.2987, 0.5078
Android (android.graphics.Color)	4282559051 (0xFF42AA4B)
YUV	128.0740, -26.1655, -54.4389
Hunter-Lab	55.1504, -38.6056, 26.1513

Details

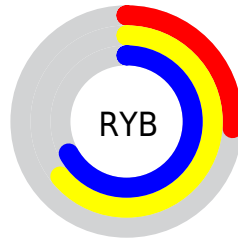
The Hex color **42AA4B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA42A1**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7CE27E**, and **007518** is the 20% darker color. If you saturate the color by 10%, you get **31AA3B**, and if you desaturate by 10%, it is **53AA5B**.

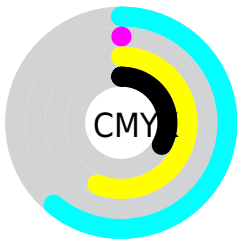
Distribution



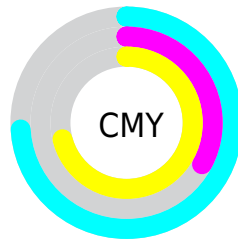
- Red (26%)
- Green (67%)
- Blue (29%)



- Red (26%)
- Yellow (64%)
- Blue (67%)



- Cyan (61%)
- Magenta (0%)
- Yellow (56%)
- Black (33%)



- Cyan (74%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42AA4B 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 42AA4B by changing the saturation by 10% instead.



42AA4B



42AA4B

FFFFFF



208F32



7CE27E



007518



99FF99



005B00



B6FFB4



004200



D3FFD0



002D00



F0FFED



000D00



000000



42AA4B



42AA4B



31AA3B



53AA5B

 20AA2C

 64AA6A

 0FAA1C

 75AA7A

 00AA0F

 86AA89

 97AA99

 A8AAA8

 B9AAB8

 CAAAC7

 DBAAD7

Harmonies

Analogous

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



8B9F1D



42AA4B



00AF83

Triad

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



42AA4B



00A1FF



FB6270

Complementary

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



42AA4B



AA42A1

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.



F361A9



42AA4B



778EFF

Square

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



42AA4B



00ACED



CA75DD



E7763E

Rectangle

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



42AA4B



00B1AA



CA75DD



FC5F83

Sweetspot

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



42AA4B



B6DEB9



A1AA42



58705A



F0F0F0



707070

Same Dimension

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



42AA4B



3CDE4A



42AA7F



4C544C



00940D



001402

Inverse Universe

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



AA42A1



DE3CD0



AA426D



544C53



940087



140013

Previews

White Background



This preview shows how the Hex color 42AA4B looks on a white background.

Color Contrast Check

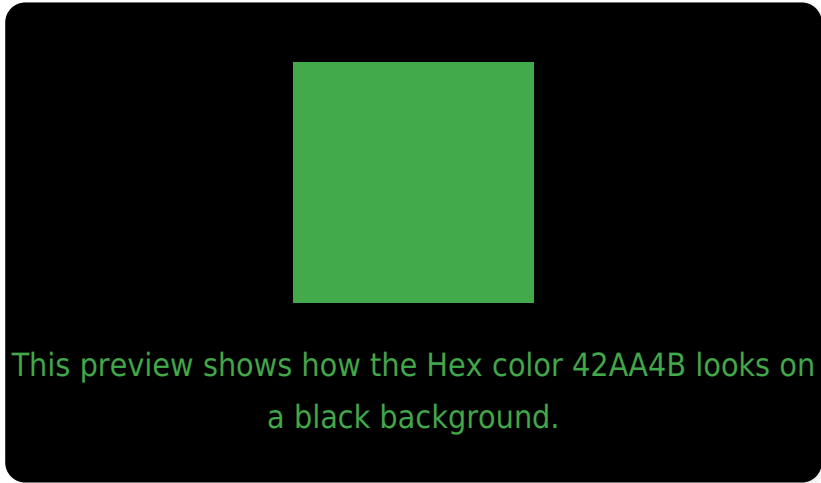
Large Text (above 18pt) WCAG AA × Fail

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

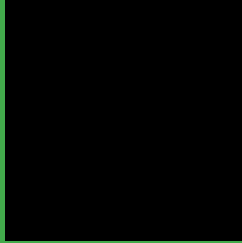
Any Text WCAG AA ✓ Pass

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 42AA4B Background



This preview shows how black text looks on a background with the Hex color 42AA4B.



This preview shows how white text looks on a background with the Hex color 42AA4B.

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](#).

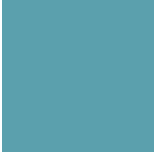
Dichromacy



Original Color
42AA4B

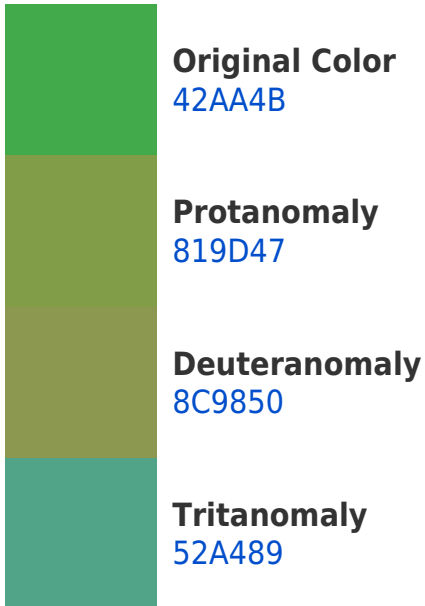
Protanopia
A59544

Deuteranopia
B68E53

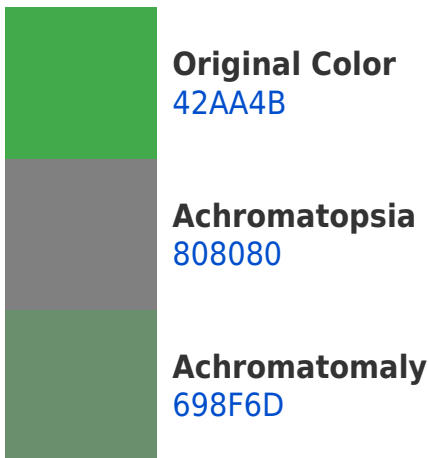


Tritanopia
5BA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42AA4B 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 #42AA4B looks like.

```
.text, #text, p{  
    color:#42AA4B  
}
```

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 #42AA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42AA4B
}
```

Border

The CSS property to change the border of an element to Hex 42AA4B 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
#42AA4B }
```

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

```
.border{ border-color:#42AA4B }
```

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

Here you see how a box with a 4 pixel #42AA4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42AA4B; -webkit-box-shadow:4px 4px  
4px 4px #42AA4B; box-shadow:4px 4px 4px  
4px #42AA4B }
```

Background

The CSS property to change the background color of an element to Hex 42AA4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42AA4B }
```

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

```
.background{ background-color:#42AA4B }
```

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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