

Converting Colors

Hex(42A742)

Have a look what the booklet for
Hex(42A742) contains.

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Color

Hex(42A742)

Conversions

Conversions Part 1

Format	Color
Hex	42A742
RGB	66, 167, 66
RGB Percent	26%, 65%, 26%
CMY	0.7412, 0.3451, 0.7412
CMYK	0.60, 0.00, 0.60, 0.35
HSL	120°, 43%, 46%
HSV	120°, 60%, 65%
XYZ	17.0489, 29.1890, 9.8897
YIQ	125.2870, -27.7750, -52.8230

Conversions

Conversions Part 2

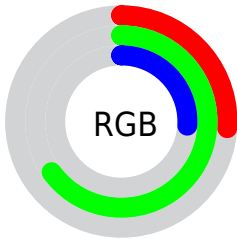
Format	Color
RYB	66, 167, 167
Decimal	4368194
CIELab	60.95, -49.69, 42.77
CIElCh	61, 65.560, 139.283
Yxy	29.1890, 0.3038, 0.5200
Android (android.graphics.Color)	4282558274 (0xFF42A742)
YUV	125.2870, -29.2285, -51.9947
Hunter-Lab	54.0269, -38.2191, 26.9656

Details

The Hex color **42A742** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A742A7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7CDF75**, and **00720C** is the 20% darker color. If you saturate the color by 10%, you get **31A731**, and if you desaturate by 10%, it is **53A753**.

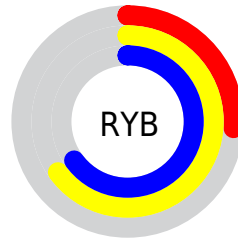
Distribution



Red (26%)

Green (65%)

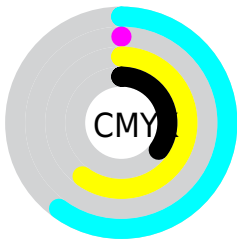
Blue (26%)



Red (26%)

Yellow (65%)

Blue (65%)

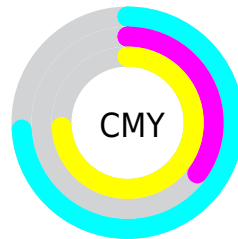


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A742 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 42A742 by changing the saturation by 10% instead.



42A742



42A742

FFFFFF



208C29



7CDF75



00720C



99FC90



005800



B5FFAB



004000



D3FFC7



002A00



F0FFE3



000600



000000



42A742



42A742



31A731



53A753

 21A721

 63A763

 10A710

 74A774

 00A700

 85A785

 95A795

 A6A7A6

 B7A7B7

 C8A7C8

 D8A7D8

Harmonies

Analogous

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



8C9B0D



42A742



00AD7C

Triad

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



42A742



00A0FF



FB5C70

Complementary

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



42A742



A742A7

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.



F15CAA



42A742



688CFF

Square

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



42A742



00AAEA



C472DF



E8713C

Rectangle

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



42A742



00AEA4



C472DF



FB5983

Sweetspot

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



42A742



B2D9B2



A7A742



566E56



EDEDED



6E6E6E

Same Dimension

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



42A742



3BD93B



42A774



4C544C



009400



001400

Inverse Universe

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



A742A7



D93BD9



A74274



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 42A742 looks on a white background.

Color Contrast Check

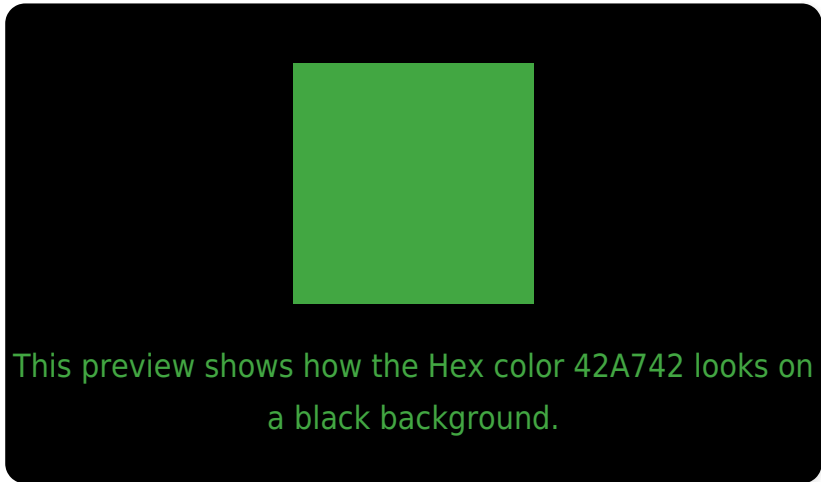
Large Text (above 18pt) WCAG AA ✓ Pass

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

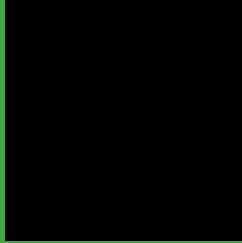
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 42A742 Background



This preview shows how black text looks on a background with the Hex color 42A742.

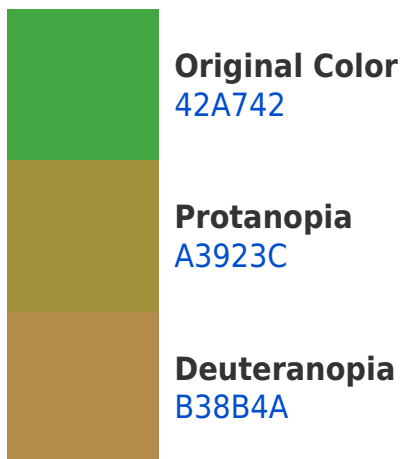


This preview shows how white text looks on a background with the Hex color 42A742.

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](#).

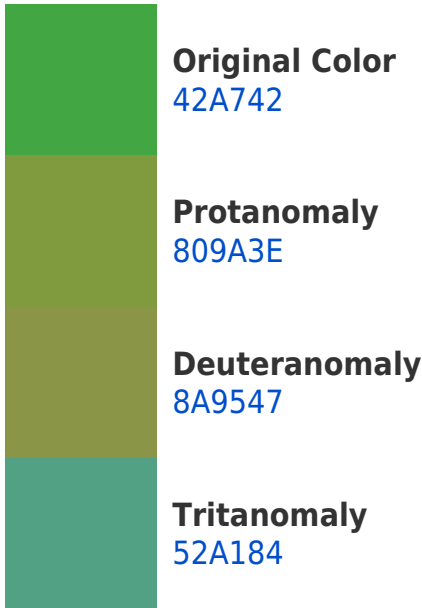
Dichromacy



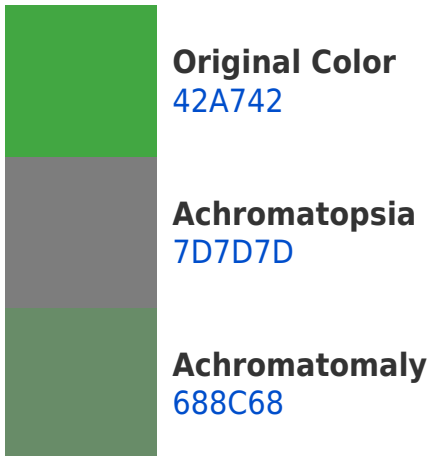


Tritanopia
5B9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A742 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 #42A742 looks like.

```
.text, #text, p{  
    color:#42A742  
}
```

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 #42A742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A742
}
```

Border

The CSS property to change the border of an element to Hex 42A742 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
#42A742 }
```

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

```
.border{ border-color:#42A742 }
```

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

Here you see how a box with a 4 pixel #42A742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A742; -webkit-box-shadow:4px 4px  
4px 4px #42A742; box-shadow:4px 4px 4px  
4px #42A742 }
```

Background

The CSS property to change the background color of an element to Hex 42A742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A742 }
```

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

```
.background{ background-color:#42A742 }
```

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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