

# Converting Colors

Hex(42A441)

Have a look what the booklet for  
Hex(42A441) contains.

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# Color

**Hex(42A441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A441
RGB	66, 164, 65
RGB Percent	26%, 64%, 25%
CMY	0.7412, 0.3569, 0.7451
CMYK	0.60, 0.00, 0.60, 0.36
HSL	119°, 43%, 45%
HSV	119°, 60%, 64%
XYZ	16.4764, 28.0908, 9.5547
YIQ	123.4120, -26.6290, -51.5650

# Conversions

## Conversions Part 2

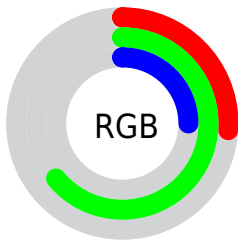
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 164, 163
Decimal	4367425
CIELab	59.97, -48.67, 42.11
CIELCh	60, 64.357, 139.134
Yxy	28.0908, 0.3044, 0.5190
Android (android.graphics.Color)	4282557505 (0xFF42A441)
YUV	123.4120, -28.7971, -50.3503
Hunter-Lab	53.0008, -37.2610, 26.4121

# Details

The Hex color **42A441** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A341A4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7CDC74**, and **006F0B** is the 20% darker color. If you saturate the color by 10%, you get **32A431**, and if you desaturate by 10%, it is **52A451**.

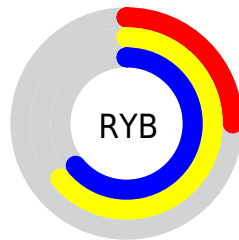
# Distribution



Red (26%)

Green (64%)

Blue (25%)



Red (25%)

Yellow (64%)

Blue (64%)

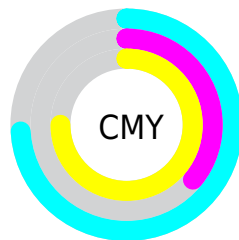


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (36%)



Cyan (74%)

Magenta (36%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42A441 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 42A441 by changing the saturation by 10% instead.





42A441



42A441

FFFFFF



218928



7CDC74



006F0B



98F98F



005600



B5FFAA



003D00



D2FFC6



002800



EFFFE2



000000



42A441



42A441



32A431




52A451



22A420



62A462

 11A410

 73A472

 02A400

 83A483

 93A493

 A3A4A3

 B4A4B4

 C4A4C4

 D4A4D5

# Harmonies

## Analogous

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



8A990F



42A441



00AA79

# Triad

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



42A441



009DFF



F65A6F

# Complementary

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



42A441



A341A4

# 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.



EC5BA8



42A441



668AFC

# Square

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



42A441



00A7E5



C071DB



E46F3B

# Rectangle

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



42A441



00ABA1



C071DB



F65882



# Sweetspot

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



42A441



B0D6B0



A4A241



546B54



EBEBEB



6B6B6B



# Same Dimension

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



42A441



3ED63C



41A471



4A5249



019100



001200



# Inverse Universe

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



A341A4



D53CD6



A44174



524952



900091



120012



# Previews

## White Background



This preview shows how the Hex color 42A441 looks on a white background.

## Color Contrast Check

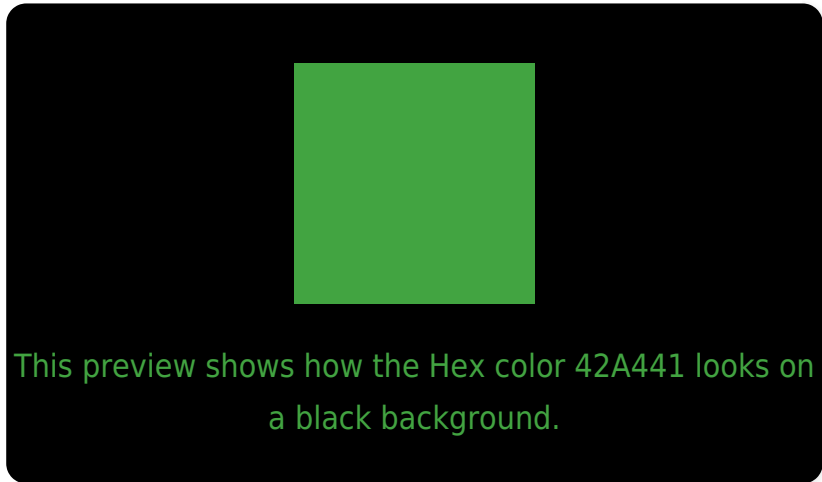
Large Text (above 18pt) WCAG AA ✓ Pass

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

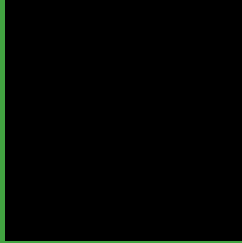
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 42A441 Background



This preview shows how black text looks on a background with the Hex color 42A441.



This preview shows how white text looks on a background with the Hex color 42A441.

# 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**  
42A441

**Protanopia**  
A0903B

**Deuteranopia**  
B08949



**Tritanopia**  
5A9AA6

# Trichromacy



**Original Color**

42A441



**Protanomaly**

7E973D



**Deuteranomaly**

889346



**Tritanomaly**

519E81

# Monochromacy



**Original Color**

42A441



**Achromatopsia**

7B7B7B



**Achromatomaly**

668A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42A441 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 #42A441 looks like.

```
.text, #text, p{  
    color:#42A441  
}
```

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 #42A441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A441
}
```

## Border

The CSS property to change the border of an element to Hex 42A441 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
#42A441 }
```

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

```
.border{ border-color:#42A441 }
```

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

Here you see how a box with a 4 pixel #42A441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A441; -webkit-box-shadow:4px 4px  
4px 4px #42A441; box-shadow:4px 4px 4px  
4px #42A441 }
```

# Background

The CSS property to change the background color of an element to Hex 42A441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A441 }
```

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

```
.background{ background-color:#42A441 }
```

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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