

# Converting Colors

Hex(42BA6A)

Have a look what the booklet for  
Hex(42BA6A) contains.

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**Color**

**Hex(42BA6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42BA6A
RGB	66, 186, 106
RGB Percent	26%, 73%, 42%
CMY	0.7412, 0.2706, 0.5843
CMYK	0.65, 0.00, 0.43, 0.27
HSL	140°, 48%, 49%
HSV	140°, 65%, 73%
XYZ	22.4072, 37.3167, 19.6575
YIQ	141.0000, -45.8400, -50.3200

# Conversions

## Conversions Part 2

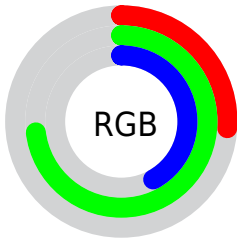
Format	Color
<a href="#">RYB</a>	<a href="#">66, 156, 186</a>
Decimal	<a href="#">4373098</a>
CIELab	<a href="#">67.51, -51.10, 30.95</a>
CIELCh	<a href="#">68, 59.740, 148.794</a>
Yxy	<a href="#">37.3167, 0.2823, 0.4701</a>
Android (android.graphics.Color)	<a href="#">4282563178 (0xFF42BA6A)</a>
YUV	<a href="#">141.0000, -17.2550, -65.7750</a>
Hunter-Lab	<a href="#">61.0874, -41.4281, 23.6820</a>

# Details

The Hex color **42BA6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA4292**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7EF39E**, and **008439** is the 20% darker color. If you saturate the color by 10%, you get **2FBA5E**, and if you desaturate by 10%, it is **55BA76**.

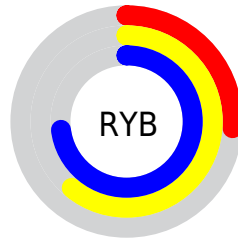
# Distribution



Red (26%)

Green (73%)

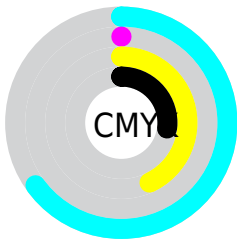
Blue (42%)



Red (26%)

Yellow (61%)

Blue (73%)

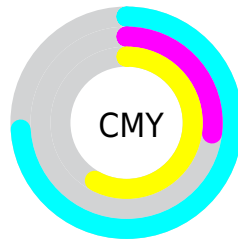


Cyan (65%)

Magenta (0%)

Yellow (43%)

Black (27%)



Cyan (74%)

Magenta (27%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42BA6A 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 42BA6A by changing the saturation by 10% instead.



 42BA6A

 42BA6A


FFFFFF

 1C9E51

 7EF39E

 008439

 9BFFB9

 006A21

 B9FFD5

 005009

 D6FFF2

 003800

 F4FFFF

 002200

 000000

 42BA6A

 42BA6A

 2FBA5E

 55BA76

 1DBA51

 67BA83

 0ABA45

 7ABA8F

 00BA3E

 8CBA9C

 9FBAA8

 B2BAB4

 C4BAC1

 D7BACD

 E9BADA

# Harmonies

## Analogous

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



8EB03F



42BA6A



00BEA0

# Triad

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



42BA6A



00ABFF



FF7974

# Complementary

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



42BA6A



BA4292

# 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.



FF73A9



42BA6A



A297FF

# Square

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



42BA6A



00B8FF



E481DD



ED8D48

# Rectangle

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



42BA6A



00BFC5



E481DD



FF7585

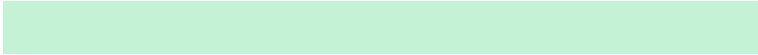


# Sweetspot

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



42BA6A



C4F2D4



92BA42



5E7A68



FAFAFA



7A7A7A



# Same Dimension

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



42BA6A



38F276



42BAA6



535C56



009C34



001C09



# Inverse Universe

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



BA4292



F238B4



BA4256



5C5359



9C0068



1C0013



# Previews

## White Background



This preview shows how the Hex color 42BA6A looks on a white background.

## Color Contrast Check

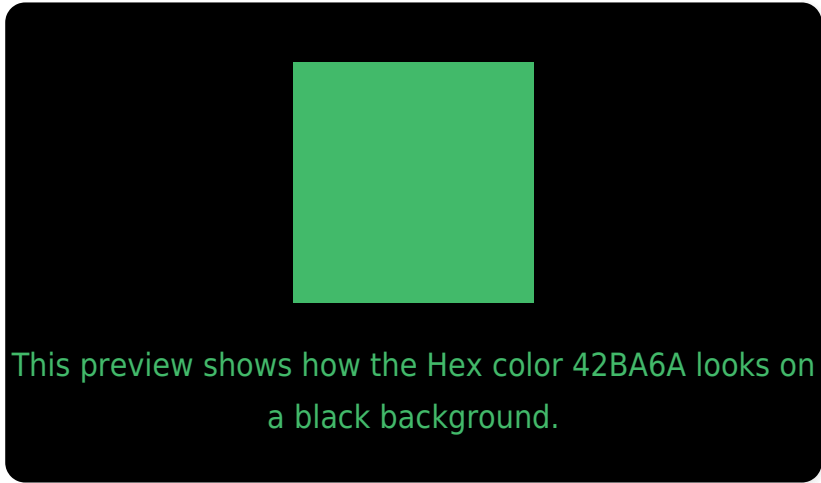
Large Text (above 18pt) WCAG AA × Fail

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

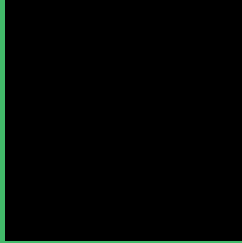
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42BA6A Background



This preview shows how black text looks on a background with the Hex color 42BA6A.

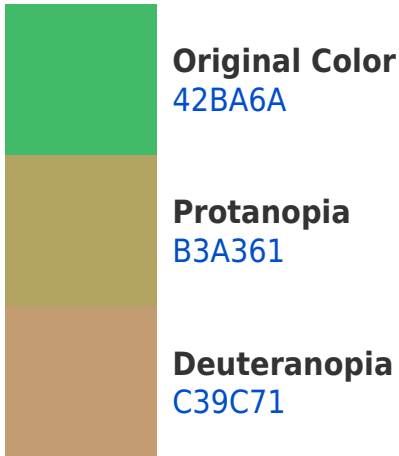


This preview shows how white text looks on a background with the Hex color 42BA6A.

# 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





# Trichromacy



**Original Color**

42BA6A



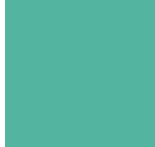
**Protanomaly**

8AAB64



**Deuteranomaly**

94A76E



**Tritanomaly**

53B49F

# Monochromacy



**Original Color**

42BA6A



**Achromatopsia**

8D8D8D



**Achromatomaly**

729D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42BA6A 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 #42BA6A looks like.

```
.text, #text, p{  
    color:#42BA6A  
}
```

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 #42BA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BA6A
}
```

## Border

The CSS property to change the border of an element to Hex 42BA6A 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
#42BA6A }
```

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

```
.border{ border-color:#42BA6A }
```

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

Here you see how a box with a 4 pixel #42BA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BA6A; -webkit-box-shadow:4px 4px  
4px 4px #42BA6A; box-shadow:4px 4px 4px  
4px #42BA6A }
```

# Background

The CSS property to change the background color of an element to Hex 42BA6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BA6A }
```

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

```
.background{ background-color:#42BA6A }
```

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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