

# Converting Colors

Hex(41AC6B)

Have a look what the booklet for  
Hex(41AC6B) contains.

<b>Hex(41AC6B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(41AC6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	41AC6B
RGB	65, 172, 107
RGB Percent	25%, 67%, 42%
CMY	0.7451, 0.3255, 0.5804
CMYK	0.62, 0.00, 0.38, 0.33
HSL	144°, 45%, 46%
HSV	144°, 62%, 67%
XYZ	19.5863, 31.6904, 18.9945
YIQ	132.5970, -42.9070, -42.8990

# Conversions

## Conversions Part 2

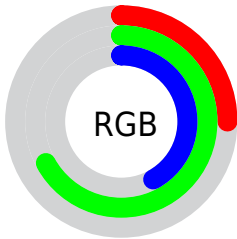
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 142, 172
Decimal	4303979
CIELab	63.09, -45.56, 24.60
CIELCh	63, 51.778, 151.628
Yxy	31.6904, 0.2787, 0.4510
Android (android.graphics.Color)	4282494059 (0xFF41AC6B)
YUV	132.5970, -12.6193, -59.2826
Hunter-Lab	56.2942, -36.4098, 19.4007

# Details

The Hex color **41AC6B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC4182**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7BE49F**, and **00773B** is the 20% darker color. If you saturate the color by 10%, you get **30AC61**, and if you desaturate by 10%, it is **52AC75**.

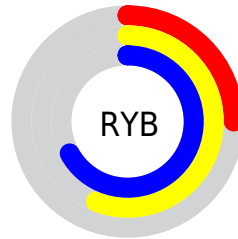
# Distribution



Red (25%)

Green (67%)

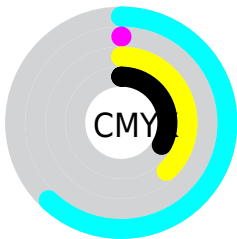
Blue (42%)



Red (25%)

Yellow (56%)

Blue (67%)

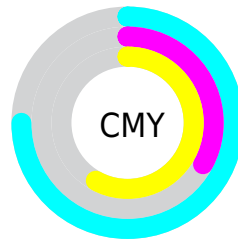


Cyan (62%)

Magenta (0%)

Yellow (38%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41AC6B 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 41AC6B by changing the saturation by 10% instead.



 41AC6B

 41AC6B

FFFFFF

 1F9152

 7BE49F

 00773B

 98FFBA

 005D24

 B4FFD6

 00440E

 D1FFF2

 002E00

 EFFFFFF

 001300

 000000

 41AC6B

 41AC6B

 30AC61

 52AC75

■ 1FAC56

■ 63AC80

■ 0DAC4C

■ 75AC8A

■ 00AC44

■ 86AC95

■ 97AC9F

■ A8ACAA

■ B9ACB4

■ CBACBF

■ DCACC9

# Harmonies

## Analogous

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



81A446



41AC6B



00AF9A

# Triad

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



41AC6B



3F9DF5



EB766B

# Complementary

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



41AC6B



AC4182

# 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.



EC7098



41AC6B



9E8CE7

# Square

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



41AC6B



00A9E9



D379C5



D58647

# Rectangle

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



41AC6B



00AFB9



D379C5



EE7279



# Sweetspot

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



41AC6B



B6E0C6



83AC41



567061



F0F0F0



707070



# Same Dimension

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



41AC6B



38E07A



41ACA0



4E5751



00963B



001709



# Inverse Universe

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



AC4182



E0389E



AC414D



574E53



96005B



17000E



# Previews

## White Background



This preview shows how the Hex color 41AC6B looks on a white background.

## Color Contrast Check

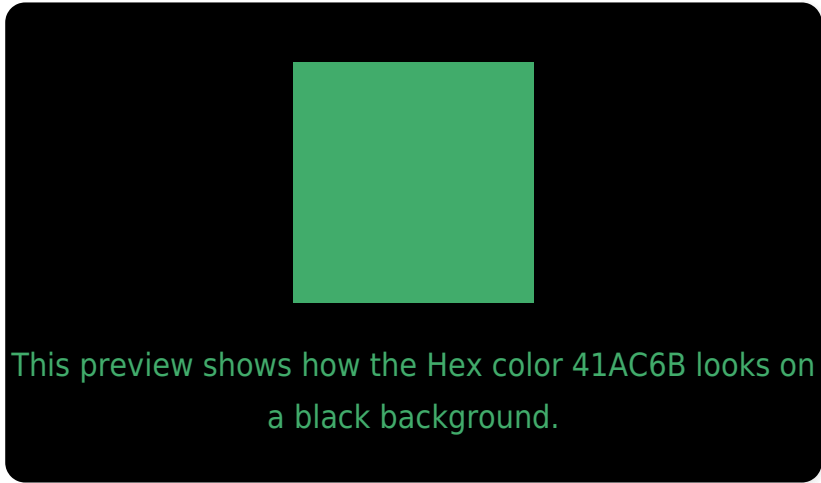
Large Text (above 18pt) WCAG AA × Fail

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

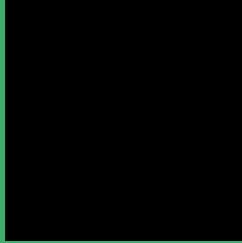
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41AC6B Background



This preview shows how black text looks on a background with the Hex color 41AC6B.

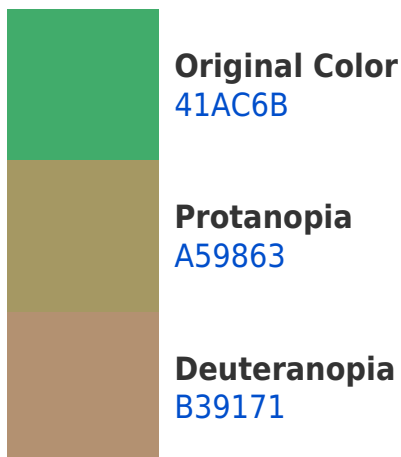


This preview shows how white text looks on a background with the Hex color 41AC6B.

# 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



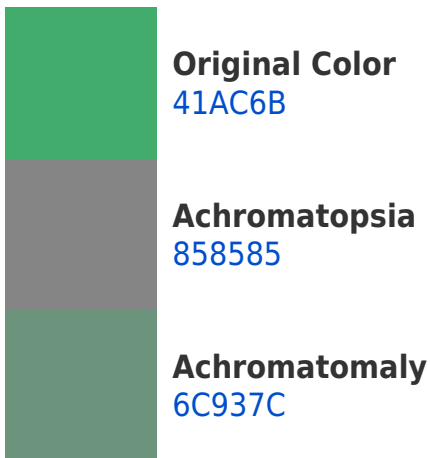


**Tritanopia**  
57A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41AC6B 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 #41AC6B looks like.

```
.text, #text, p{  
    color:#41AC6B  
}
```

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 #41AC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41AC6B
}
```

## Border

The CSS property to change the border of an element to Hex 41AC6B 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
#41AC6B }
```

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

```
.border{ border-color:#41AC6B }
```

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

Here you see how a box with a 4 pixel #41AC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41AC6B; -webkit-box-shadow:4px 4px  
4px 4px #41AC6B; box-shadow:4px 4px 4px  
4px #41AC6B }
```

# Background

The CSS property to change the background color of an element to Hex 41AC6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41AC6B }
```

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

```
.background{ background-color:#41AC6B }
```

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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