

# Converting Colors

Hex(40BA4A)

Have a look what the booklet for  
Hex(40BA4A) contains.

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**Color**

**Hex(40BA4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40BA4A
RGB	64, 186, 74
RGB Percent	25%, 73%, 29%
CMY	0.7490, 0.2706, 0.7098
CMYK	0.66, 0.00, 0.60, 0.27
HSL	125°, 49%, 49%
HSV	125°, 66%, 73%
XYZ	20.9093, 36.7022, 12.4608
YIQ	136.7540, -36.7600, -60.6960

# Conversions

## Conversions Part 2

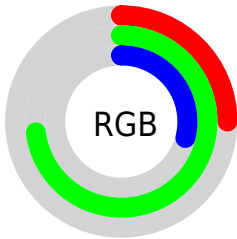
Format	Color
<a href="#">RYB</a>	<a href="#">64, 177, 186</a>
Decimal	<a href="#">4241994</a>
CIELab	<a href="#">67.05, -56.15, 46.09</a>
CIELCh	<a href="#">67, 72.647, 140.618</a>
Yxy	<a href="#">36.7022, 0.2984, 0.5238</a>
Android (android.graphics.Color)	<a href="#">4282432074</a> ( <a href="#">0xFF40BA4A</a> )
YUV	<a href="#">136.7540, -30.9377, -63.8053</a>
Hunter-Lab	<a href="#">60.5824, -44.4119, 30.2127</a>

# Details

The Hex color **40BA4A** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA40B0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7EF37E**, and **008314** is the 20% darker color. If you saturate the color by 10%, you get **2DBA39**, and if you desaturate by 10%, it is **53BA5B**.

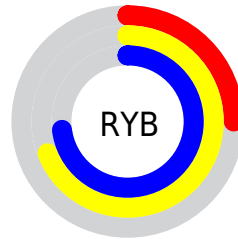
# Distribution



Red (25%)

Green (73%)

Blue (29%)



Red (25%)

Yellow (69%)

Blue (73%)

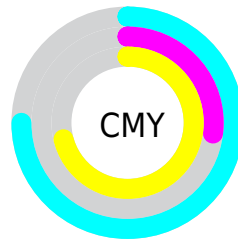


Cyan (66%)

Magenta (0%)

Yellow (60%)

Black (27%)



Cyan (75%)

Magenta (27%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40BA4A 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 40BA4A by changing the saturation by 10% instead.



 40BA4A

 40BA4A

FFFFFF

 169E30

 7EF37E

 008314

 9BFF99

 006900

 B9FFB5

 005000

 D6FFD1

 003800

 F4FFEE

 002000

 000000

 40BA4A

 40BA4A

 2DBA39

 53BA5B

 1BBA28

 65BA6C

 08BA17

 78BA7D

 00BA0F

 8ABA8E

 9DBA9F

 B0BAB0

 C2BAC2

 D5BAD3

 E7BAE4

# Harmonies

## Analogous

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



98AD06



40BA4A



00C08C

# Triad

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



40BA4A



00B1FF



FF6479

# Complementary

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



40BA4A



BA40B0

# 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.



FF63BB



40BA4A



789BFF

# Square

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



40BA4A



00BDFE



DD7DF7



FF7D3E

# Rectangle

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



40BA4A



00C2B9



DD7DF7



FF608F

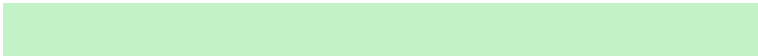


# Sweetspot

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



40BA4A



C2F2C6



B2BA40



5D7A5F



FAFAFA



7A7A7A



# Same Dimension

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



40BA4A



33F243



40BA85



535C53



009C0D



001C02



# Inverse Universe

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



BA40B0



F233E3



BA4075



5C535B



9C008F



1C001A



# Previews

## White Background



This preview shows how the Hex color 40BA4A looks on a white background.

## Color Contrast Check

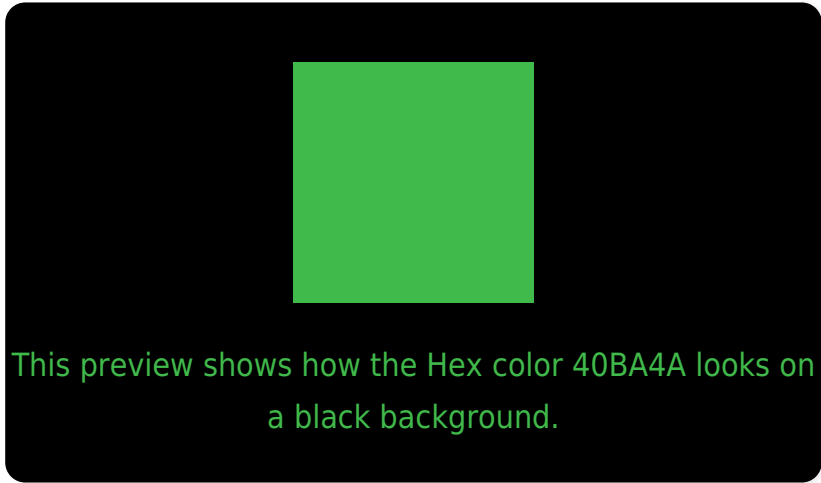
Large Text (above 18pt) WCAG AA × Fail

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 40BA4A Background



This preview shows how black text looks on a background with the Hex color 40BA4A.

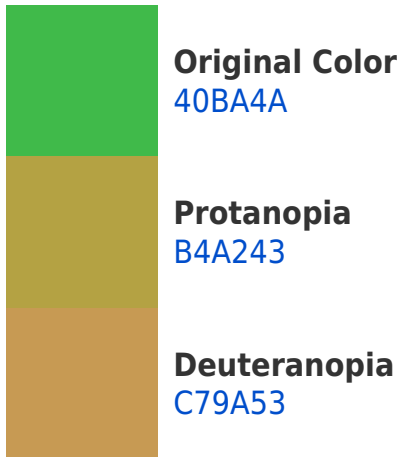


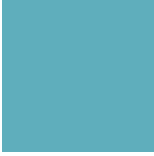
This preview shows how white text looks on a background with the Hex color 40BA4A.

# 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](#).

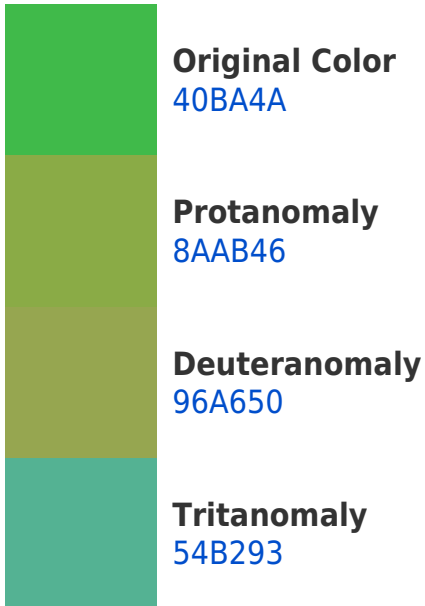
## Dichromacy





**Tritanopia**  
5FAEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40BA4A 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 #40BA4A looks like.

```
.text, #text, p{  
    color:#40BA4A  
}
```

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 #40BA4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BA4A
}
```

## Border

The CSS property to change the border of an element to Hex 40BA4A 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
#40BA4A }
```

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

```
.border{ border-color:#40BA4A }
```

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

Here you see how a box with a 4 pixel #40BA4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BA4A; -webkit-box-shadow:4px 4px  
4px 4px #40BA4A; box-shadow:4px 4px 4px  
4px #40BA4A }
```

# Background

The CSS property to change the background color of an element to Hex 40BA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BA4A }
```

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

```
.background{ background-color:#40BA4A }
```

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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