

# Converting Colors

Hex(3C864B)

Have a look what the booklet for  
Hex(3C864B) contains.

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# Color

**Hex(3C864B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C864B
RGB	60, 134, 75
RGB Percent	24%, 53%, 29%
CMY	0.7647, 0.4745, 0.7059
CMYK	0.55, 0.00, 0.44, 0.47
HSL	132°, 38%, 38%
HSV	132°, 55%, 53%
XYZ	11.6586, 18.5189, 9.6166
YIQ	105.1480, -25.1650, -34.0370

# Conversions

## Conversions Part 2

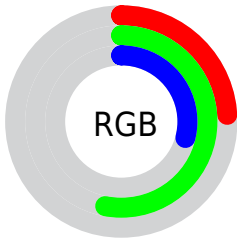
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 122, 134
Decimal	3966539
CIELab	50.12, -36.57, 24.93
CIElCh	50, 44.258, 145.713
Yxy	18.5189, 0.2930, 0.4654
Android (android.graphics.Color)	4282156619 (0xFF3C864B)
YUV	105.1480, -14.8630, -39.5948
Hunter-Lab	43.0335, -26.9498, 16.8740

# Details

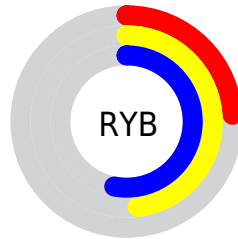
The Hex color **3C864B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **863C77**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **71BC7D**, and **00531D** is the 20% darker color. If you saturate the color by 10%, you get **2F8640**, and if you desaturate by 10%, it is **498656**.

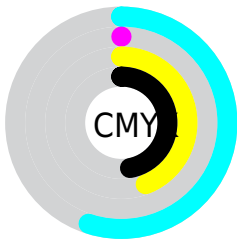
# Distribution



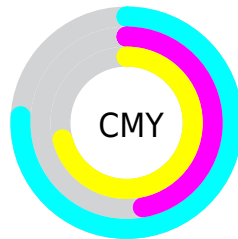
- Red (24%)
- Green (53%)
- Blue (29%)



- Red (24%)
- Yellow (48%)
- Blue (53%)



- Cyan (55%)
- Magenta (0%)
- Yellow (44%)
- Black (47%)



- Cyan (76%)
- Magenta (47%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C864B 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 3C864B by changing the saturation by 10% instead.





3C864B



3C864B

FFFFFF



206C34



71BC7D



00531D



8CD897



003C06



A8F5B2



002600



C4FFCD



000100



E1FFEA



000000

FEFFFF



3C864B



3C864B



2F8640



498656

■ 218636

■ 578660

■ 14862B

■ 64866B

■ 068620

■ 728676

■ 00861B

■ 7F8680

■ 8C868B

■ 9A8696

■ A786A0

■ B586AB

# Harmonies

## Analogous

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



6C7F2F



3C864B



008970

# Triad

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



3C864B



007DC2



BC5959

# Complementary

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



3C864B



863C77

# 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.



B9567E



3C864B



7070BB

# Square

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



3C864B



0086B5



A060A2



AD653A

# Rectangle

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



3C864B



008A8A



A060A2



BD5765



# Sweetspot

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



3C864B



90AD96



77863C



455749



D6D6D6



575757



# Same Dimension

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



3C864B



3BAD52



3C8670



3C423D



00821A



000301



# Inverse Universe

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



863C77



AD3B96



863C52



423C41



820068



030002



# Previews

## White Background



This preview shows how the Hex color 3C864B looks on a white background.

## Color Contrast Check

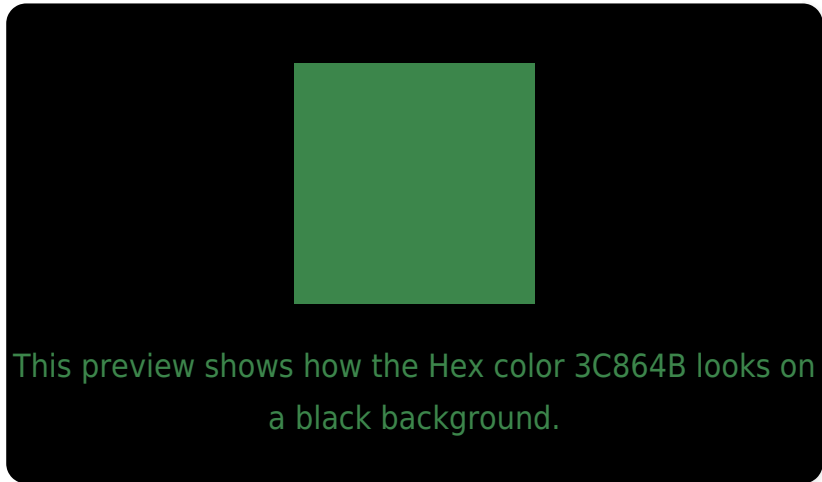
Large Text (above 18pt) WCAG AA ✓ Pass

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

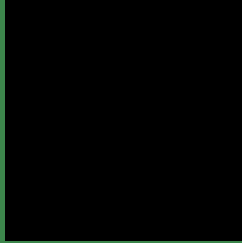
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3C864B Background



This preview shows how black text looks on a background with the Hex color 3C864B.



This preview shows how white text looks on a background with the Hex color 3C864B.

# 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**  
3C864B

**Protanopia**  
827745

**Deuteranopia**  
8E7150



**Tritanopia**  
4C7F89

# Trichromacy



**Original Color**  
3C864B

**Protanomaly**  
697C47

**Deuteranomaly**  
70794E

**Tritanomaly**  
468272

# Monochromacy



**Original Color**  
3C864B

**Achromatopsia**  
696969

**Achromatomaly**  
59745E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C864B 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 #3C864B looks like.

```
.text, #text, p{  
    color:#3C864B  
}
```

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 #3C864B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C864B
}
```

## Border

The CSS property to change the border of an element to Hex 3C864B 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
#3C864B }
```

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

```
.border{ border-color:#3C864B }
```

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

Here you see how a box with a 4 pixel #3C864B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C864B; -webkit-box-shadow:4px 4px  
4px 4px #3C864B; box-shadow:4px 4px 4px  
4px #3C864B }
```

# Background

The CSS property to change the background color of an element to Hex 3C864B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C864B }
```

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

```
.background{ background-color:#3C864B }
```

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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