

# Converting Colors

Hex(3D973B)

Have a look what the booklet for  
Hex(3D973B) contains.

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**Color**

**Hex(3D973B)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3D973B                       |
| RGB         | 61, 151, 59                  |
| RGB Percent | 24%, 59%, 23%                |
| CMY         | 0.7608, 0.4078, 0.7686       |
| CMYK        | 0.60, 0.00, 0.61, 0.41       |
| HSL         | 119°, 44%, 41%               |
| HSV         | 119°, 61%, 59%               |
| XYZ         | 13.7805, 23.4411, 7.9359     |
| YIQ         | 113.6020, -24.1080, -47.6920 |

# Conversions

## Conversions Part 2

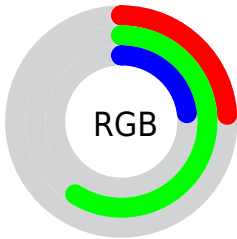
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 59, 151, 149                    |
| Decimal                             | 4036411                         |
| CIELab                              | 55.52, -45.62, 39.77            |
| CIElCh                              | 56, 60.525, 138.917             |
| Yxy                                 | 23.4411, 0.3052,<br>0.5191      |
| Android<br>(android.graphics.Color) | 4282226491<br>(0xFF3D973B)      |
| YUV                                 | 113.6020, -26.9188,<br>-46.1320 |
| Hunter-Lab                          | 48.4160, -33.9221,<br>24.1729   |

# Details

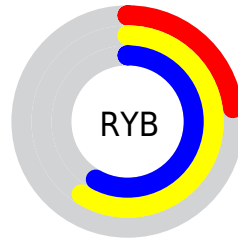
The Hex color **3D973B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **953B97**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **76CE6D**, and **006305** is the 20% darker color. If you saturate the color by 10%, you get **2E972C**, and if you desaturate by 10%, it is **4C974A**.

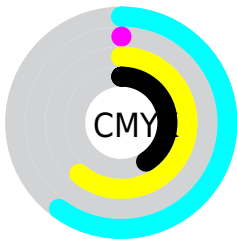
# Distribution



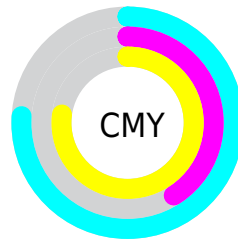
- Red (24%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (58%)



- Cyan (60%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (76%)
- Magenta (41%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D973B 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 3D973B by changing the saturation by 10% instead.





3D973B



3D973B

FFFFFF



1C7D22



76CE6D



006305



92EB88



004A00



AEFFA3



003300



CBFFBE



001C00



E8FFDA



000000



FFFFFF7



3D973B



3D973B



2E972C



4C974A

■ 1F971D

■ 5B9759

■ 11970E

■ 699768

■ 039700

■ 789777

■ 879787

■ 969796

■ A497A5

■ B397B4

■ C297C3

# Harmonies

## Analogous

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



7F8C0C



3D973B



009C6F

# Triad

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



3D973B



0091EC



E35366

# Complementary

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



3D973B



953B97

# 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.



DA539B



3D973B



5D7FE9

# Square

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



3D973B



009AD3



B168CB



D26636

# Rectangle

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



3D973B



009E94



B168CB



E35077



# Sweetspot

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



3D973B



A2C4A1



97943B



4E634E



E3E3E3



636363



# Same Dimension

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



3D973B



38C435



3B9766



454D45



038C00



000D00



# Inverse Universe

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



953B97



C135C4



973B6C



4C454D



89008C



0C000D



# Previews

## White Background



This preview shows how the Hex color 3D973B looks on a white background.

## Color Contrast Check

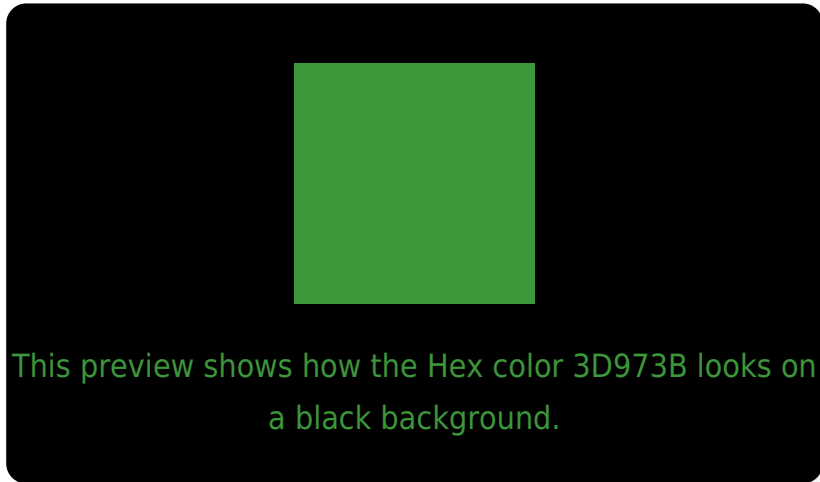
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D973B Background



This preview shows how black text looks on a background with the Hex color 3D973B.



This preview shows how white text looks on a background with the Hex color 3D973B.

# 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**  
3D973B

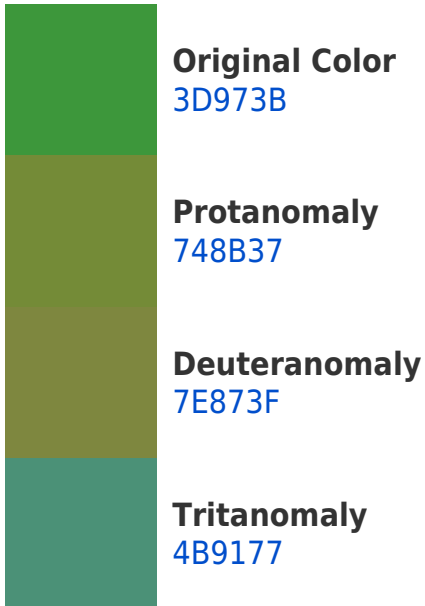
**Protanopia**  
938435

**Deuteranopia**  
A37E42

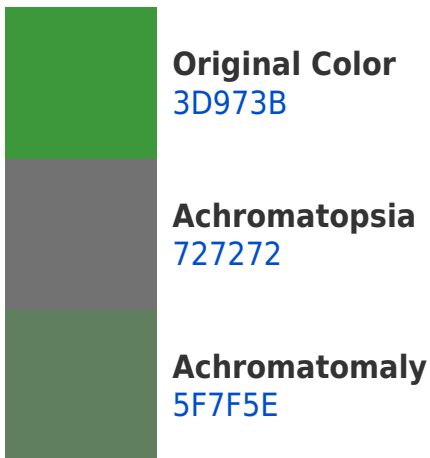


**Tritanopia**  
538E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D973B 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 #3D973B looks like.

```
.text, #text, p{  
    color:#3D973B  
}
```

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 #3D973B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D973B
}
```

## Border

The CSS property to change the border of an element to Hex 3D973B 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
#3D973B }
```

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

```
.border{ border-color:#3D973B }
```

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

Here you see how a box with a 4 pixel #3D973B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D973B; -webkit-box-shadow:4px 4px  
4px 4px #3D973B; box-shadow:4px 4px 4px  
4px #3D973B }
```

# Background

The CSS property to change the background color of an element to Hex 3D973B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D973B }
```

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

```
.background{ background-color:#3D973B }
```

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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