

# Converting Colors

Hex(3D6A3B)

Have a look what the booklet for  
Hex(3D6A3B) contains.

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# Color

**Hex(3D6A3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D6A3B
RGB	61, 106, 59
RGB Percent	24%, 42%, 23%
CMY	0.7608, 0.5843, 0.7686
CMYK	0.42, 0.00, 0.44, 0.58
HSL	117°, 28%, 32%
HSV	117°, 44%, 42%
XYZ	7.8679, 11.6159, 5.9651
YIQ	87.1870, -11.7330, -24.1570

# Conversions

## Conversions Part 2

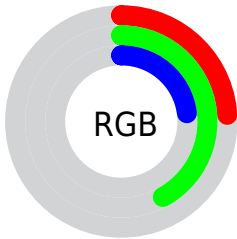
Format	Color
<b>RYB</b>	59, 106, 104
Decimal	4024891
CIELab	40.60, -26.05, 21.63
CIELCh	41, 33.857, 140.304
Yxy	11.6159, 0.3092, 0.4564
Android (android.graphics.Color)	4282214971 (0xFF3D6A3B)
YUV	87.1870, -13.8962, -22.9660
Hunter-Lab	34.0822, -18.4368, 13.4805

# Details

The Hex color **3D6A3B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683B6A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6F9E6B**, and **0A3A0F** is the 20% darker color. If you saturate the color by 10%, you get **336A30**, and if you desaturate by 10%, it is **476A46**.

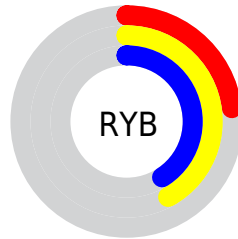
# Distribution



Red (24%)

Green (42%)

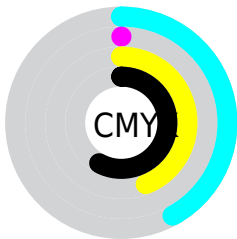
Blue (23%)



Red (23%)

Yellow (42%)

Blue (41%)

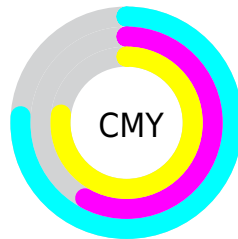


Cyan (42%)

Magenta (0%)

Yellow (44%)

Black (58%)



Cyan (76%)

Magenta (58%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A3B 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 3D6A3B by changing the saturation by 10% instead.



 3D6A3B

 3D6A3B

FFFFFF

 255225

 6F9E6B

 0A3A0F

 89B984

 002400

 A4D59F

 000400

 BFF1BA

 000000

 DCFFD6

 F9FFF2

 3D6A3B

 3D6A3B

 336A30

 476A46

 296A26

 516A50

 1F6A1B

 5B6A5B

 146A11

 666A65

 0A6A06

 706A70

 056A00

 7A6A7B

 846A85

 8E6A90

 986A9A

# Harmonies

## Analogous

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



5D6429



3D6A3B



006D55

# Triad

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



3D6A3B



086596



94494E

# Complementary

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



3D6A3B



683B6A

# 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.



8E496A



3D6A3B



535C94

# Square

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



3D6A3B



006B8A



795183



8B5136

# Rectangle

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



3D6A3B



006E69



795183



944857



# Sweetspot

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



3D6A3B



798A78



6A683B



3A453A



C4C4C4



454545



# Same Dimension

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



3D6A3B



448A41



3B6A50



303630



057500



0AF500



# Inverse Universe

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



683B6A



87418A



6A3B55



353036



700075

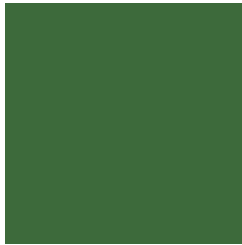


EA00F5



# Previews

## White Background



This preview shows how the Hex color 3D6A3B looks on a white background.

## Color Contrast Check

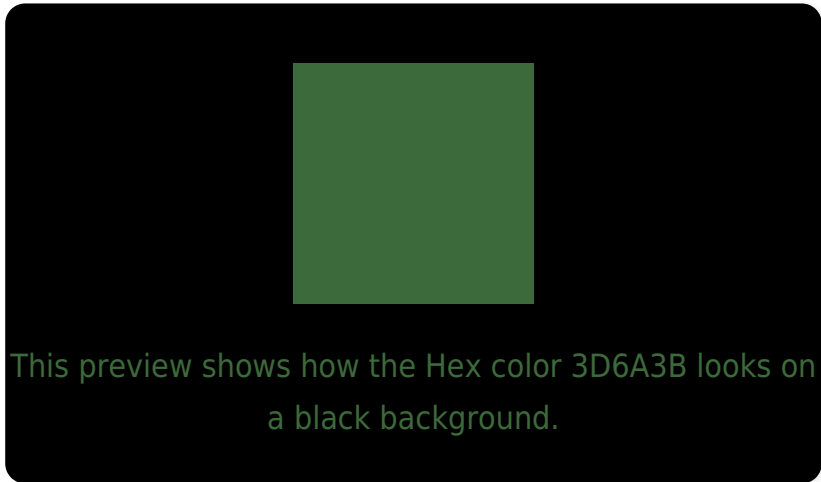
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

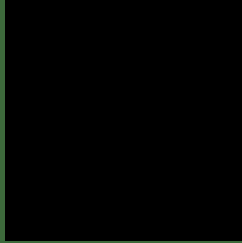
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D6A3B Background



This preview shows how black text looks on a background with the Hex color 3D6A3B.



This preview shows how white text looks on a background with the Hex color 3D6A3B.

# 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**  
3D6A3B

**Protanopia**  
695F37

**Deuteranopia**  
735B3F



**Tritanopia**  
47646C

# Trichromacy



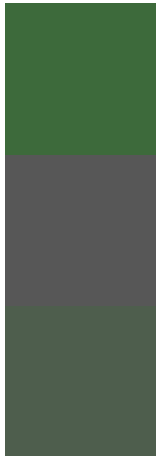
**Original Color**  
3D6A3B

**Protanomaly**  
596338

**Deuteranomaly**  
5F603E

**Tritanomaly**  
43665A

# Monochromacy



**Original Color**  
3D6A3B

**Achromatopsia**  
575757

**Achromatomaly**  
4E5E4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6A3B 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 #3D6A3B looks like.

```
.text, #text, p{  
    color:#3D6A3B  
}
```

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 #3D6A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A3B
}
```

## Border

The CSS property to change the border of an element to Hex 3D6A3B 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
#3D6A3B }
```

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

```
.border{ border-color:#3D6A3B }
```

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

Here you see how a box with a 4 pixel #3D6A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A3B; -webkit-box-shadow:4px 4px  
4px 4px #3D6A3B; box-shadow:4px 4px 4px  
4px #3D6A3B }
```

# Background

The CSS property to change the background color of an element to Hex 3D6A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A3B }
```

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

```
.background{ background-color:#3D6A3B }
```

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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