

# Converting Colors

Hex(3C6E31)

Have a look what the booklet for  
Hex(3C6E31) contains.

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# Color

**Hex(3C6E31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6E31
RGB	60, 110, 49
RGB Percent	24%, 43%, 19%
CMY	0.7647, 0.5686, 0.8078
CMYK	0.45, 0.00, 0.55, 0.57
HSL	109°, 38%, 31%
HSV	109°, 55%, 43%
XYZ	7.9938, 12.3343, 4.8652
YIQ	88.0960, -10.2190, -29.5710

# Conversions

## Conversions Part 2

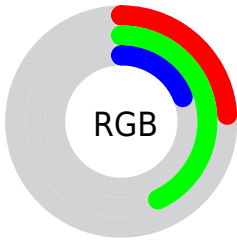
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 110, 99
Decimal	3960369
CIE Lab	41.74, -29.82, 28.59
CIE LCh	42, 41.312, 136.215
Yxy	12.3343, 0.3173, 0.4896
Android (android.graphics.Color)	4282150449 (0xFF3C6E31)
YUV	88.0960, -19.2743, -24.6402
Hunter-Lab	35.1202, -20.8315, 16.3707

# Details

The Hex color **3C6E31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63316E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6FA261**, and **063E02** is the 20% darker color. If you saturate the color by 10%, you get **336E26**, and if you desaturate by 10%, it is **456E3C**.

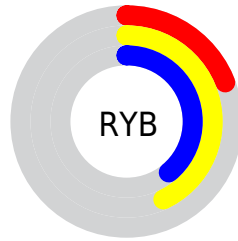
# Distribution



Red (24%)

Green (43%)

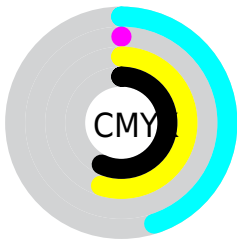
Blue (19%)



Red (19%)

Yellow (43%)

Blue (39%)

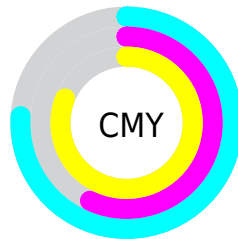


Cyan (45%)

Magenta (0%)

Yellow (55%)

Black (57%)



Cyan (76%)

Magenta (57%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6E31 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 3C6E31 by changing the saturation by 10% instead.





3C6E31



3C6E31

FFFFFF



23551A



6FA261



063E02



89BD7A



002700



A4D994



000C00



C0F6AF



000000



DCFFCB



F9FFE7



3C6E31



3C6E31



336E26



456E3C

■ 2A6E1B

■ 4E6E47

■ 216E10

■ 576E52

■ 186E05

■ 606E5D

■ 146E00

■ 696E68

■ 726E73

■ 7B6E7E

■ 846E89

■ 8D6E94

# Harmonies

## Analogous

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



63661C



3C6E31



007251

# Triad

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



3C6E31



006BA4



A14451

# Complementary

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



3C6E31



63316E

# 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.



994674



3C6E31



4760A4

# Square

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



3C6E31



007193



7C5292



984E33

# Rectangle

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



3C6E31



007369



7C5292



A0435D



# Sweetspot

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



3C6E31



7B8F77



6E6331



3C4739



C7C7C7



474747



# Same Dimension

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



3C6E31



408F2F



316E44



343832



167800



2DF700



# Inverse Universe

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



63316E



7E2F8F



6E315B



373238



620078



CB00F7



# Previews

## White Background



This preview shows how the Hex color 3C6E31 looks on a white background.

## Color Contrast Check

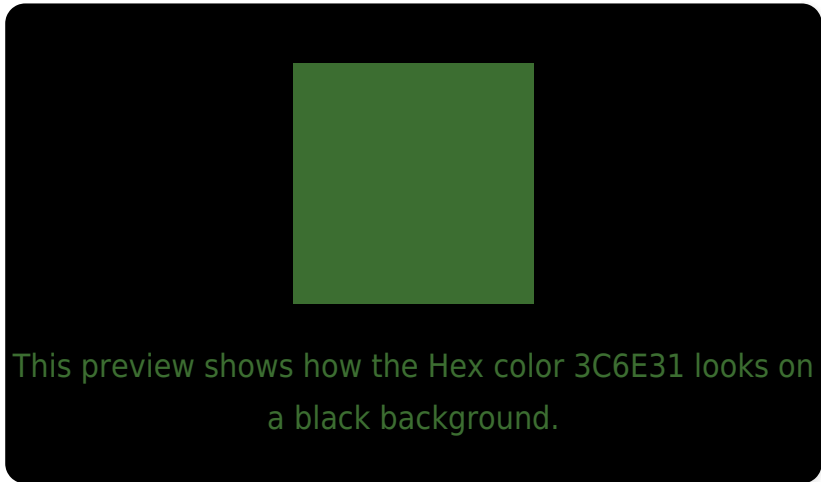
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C6E31 Background



This preview shows how black text looks on a background with the Hex color 3C6E31.



This preview shows how white text looks on a background with the Hex color 3C6E31.

# 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**  
3C6E31

**Protanopia**  
6D622D

**Deuteranopia**  
785D35



**Tritanopia**  
486770

# Trichromacy



**Original Color**  
3C6E31

**Protanomaly**  
5B662E

**Deuteranomaly**  
626334

**Tritanomaly**  
446A59

# Monochromacy



**Original Color**  
3C6E31

**Achromatopsia**  
585858

**Achromatomaly**  
4E604A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6E31 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 #3C6E31 looks like.

```
.text, #text, p{  
    color:#3C6E31  
}
```

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 #3C6E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6E31
}
```

## Border

The CSS property to change the border of an element to Hex 3C6E31 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".

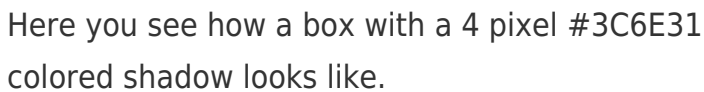
```
.border, #border, table{ border:4px solid
#3C6E31 }
```

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

```
.border{ border-color:#3C6E31 }
```

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

Here you see how a box with a 4 pixel #3C6E31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6E31; -webkit-box-shadow:4px 4px  
4px 4px #3C6E31; box-shadow:4px 4px 4px  
4px #3C6E31 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6E31 }
```

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

```
.background{ background-color:#3C6E31 }
```

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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