

# Converting Colors

Hex(3D8331)

Have a look what the booklet for  
Hex(3D8331) contains.

<b>Hex(3D8331)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3D8331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D8331
RGB	61, 131, 49
RGB Percent	24%, 51%, 19%
CMY	0.7608, 0.4863, 0.8078
CMYK	0.53, 0.00, 0.63, 0.49
HSL	111°, 46%, 35%
HSV	111°, 63%, 51%
XYZ	10.5951, 17.4465, 5.7148
YIQ	100.7220, -15.3980, -40.3420

# Conversions

## Conversions Part 2

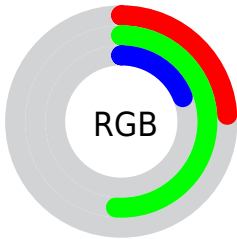
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 131, 119
Decimal	4031281
CIE <sub>Lab</sub>	48.82, -38.75, 36.87
CIE <sub>LCh</sub>	49, 53.491, 136.423
Yxy	17.4465, 0.3139, 0.5168
Android (android.graphics.Color)	4282221361 (0xFF3D8331)
YUV	100.7220, -25.4989, -34.8362
Hunter-Lab	41.7689, -27.8172, 21.1262

# Details

The Hex color **3D8331** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **773183**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73B962**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **328324**, and if you desaturate by 10%, it is **48833E**.

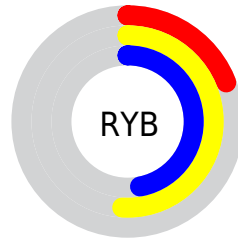
# Distribution



Red (24%)

Green (51%)

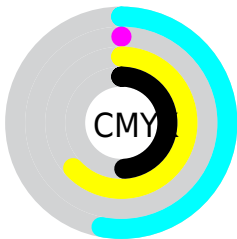
Blue (19%)



Red (19%)

Yellow (51%)

Blue (47%)

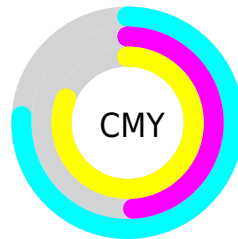


Cyan (53%)

Magenta (0%)

Yellow (63%)

Black (49%)



Cyan (76%)

Magenta (49%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8331 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 3D8331 by changing the saturation by 10% instead.





3D8331



3D8331

FFFFFF



206918



73B962



005100



8ED57C



003900



AAF197



002500



C6FFB2



000000



E3FFCE



FFFFEA



3D8331



3D8331



328324



48833E

 278317

 53834B

 1B830A

 5F8358

 138300

 6A8365

 758372

 808380

 8B838D

 96839A

 A283A7

# Harmonies

## Analogous

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



73790D



3D8331



00885D

# Triad

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



3D8331



007FCC



C6495D

# Complementary

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



3D8331



773183

# 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.



BB4B8B



3D8331



4970CB

# Square

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



3D8331



0087B5



955DB3



B95734

# Rectangle

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



3D8331



00897D



955DB3



C5476C



# Sweetspot

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



3D8331



8FAB8A



837731



465743



D6D6D6



575757



# Same Dimension

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



3D8331



3DAB2B



31834E



3D423C



138200



000300



# Inverse Universe

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



773183



982BAB



833166



413C42



6F0082



020003



# Previews

## White Background



This preview shows how the Hex color 3D8331 looks on a white background.

## Color Contrast Check

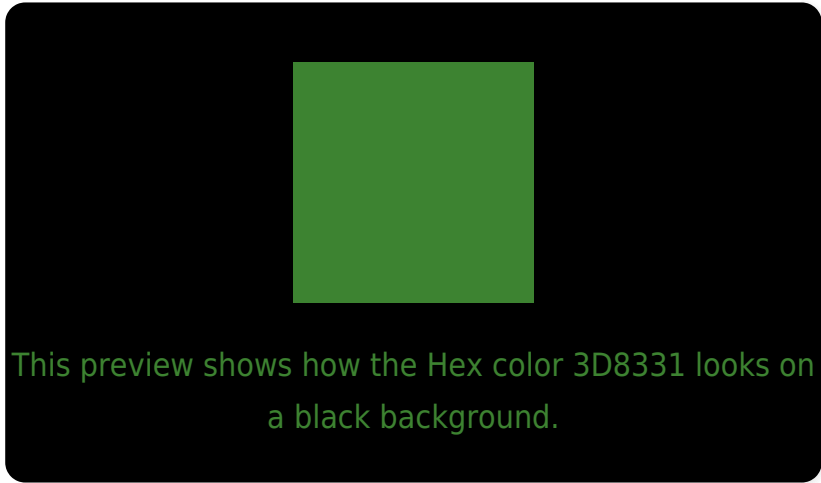
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D8331 Background



This preview shows how black text looks on a background with the Hex color 3D8331.



This preview shows how white text looks on a background with the Hex color 3D8331.

# 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**  
3D8331

**Protanopia**  
81742D

**Deuteranopia**  
8E6E37



**Tritanopia**  
4E7B85

# Trichromacy



**Original Color**  
3D8331

**Protanomaly**  
68792E

**Deuteranomaly**  
717635

**Tritanomaly**  
487E66

# Monochromacy



**Original Color**  
3D8331

**Achromatopsia**  
656565

**Achromatomaly**  
567052

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8331 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 #3D8331 looks like.

```
.text, #text, p{  
    color:#3D8331  
}
```

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 #3D8331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8331
}
```

## Border

The CSS property to change the border of an element to Hex 3D8331 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
#3D8331 }
```

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

```
.border{ border-color:#3D8331 }
```

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

Here you see how a box with a 4 pixel #3D8331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8331; -webkit-box-shadow:4px 4px  
4px 4px #3D8331; box-shadow:4px 4px 4px  
4px #3D8331 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8331 }
```

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

```
.background{ background-color:#3D8331 }
```

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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