

# Converting Colors

Decimal(33031)

Have a look what the booklet for  
Decimal(33031) contains.

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# Color

**Decimal(33031)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008107
RGB	0, 129, 7
RGB Percent	0%, 51%, 3%
CMY	1.0000, 0.4941, 0.9725
CMYK	1.00, 0.00, 0.95, 0.49
HSL	123°, 100%, 25%
HSV	123°, 100%, 51%
XYZ	7.8886, 15.7159, 2.8187
YIQ	76.5210, -37.7220, -65.2900

# Conversions

## Conversions Part 2

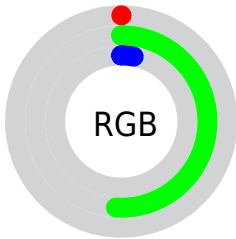
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 122, 129
Decimal	33031
CIELab	46.60, -51.72, 48.77
CIELCh	47, 71.088, 136.686
Yxy	15.7159, 0.2985, 0.5948
Android (android.graphics.Color)	4278223111 (0xFF008107)
YUV	76.5210, -34.2739, -67.1089
Hunter-Lab	39.6432, -33.8559, 23.5346

# Details

The Decimal color **33031** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8454266**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **5420867**, and **19968** is the 20% darker color. If you saturate the color by 10%, you get **33031**, and if you desaturate by 10%, it is **885011**.

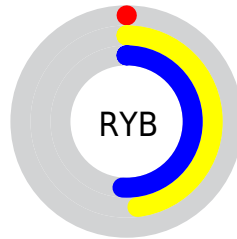
# Distribution



Red (0%)

Green (51%)

Blue (3%)



Red (0%)

Yellow (48%)

Blue (51%)

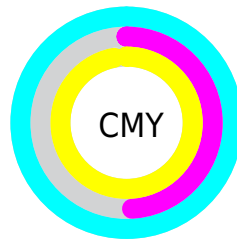


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (49%)



Cyan (100%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 33031 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 Decimal color 33031 by changing the saturation by 10% instead.



 33031                       33031

16777215                       26368

 5420867                       19968

 7328605                       13824

 9236600                       7936

 11141011                       0

 13041582

 14942154

 16777191

 33031

 885011

 1736991

 2588972

 3440952

 4292932

 5079376

 5931356

 6783337

 7635317

# Harmonies

## Analogous

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



6780416



33031



34385

# Triad

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



33031



32228



13967440

# Complementary

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



33031



8454266

# 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.



13247884



33031



27362

# Square

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



33031



34501



10046657



12796948

# Rectangle

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



33031



34939



10046657



13965668



# Sweetspot

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



33031



7776377



8093952



3560503



13948116



5526612



# Same Dimension

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



33031



43017



33095



3751994



32775



0



# Inverse Universe

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



8454266



11010207



8454202



4208959



8388729

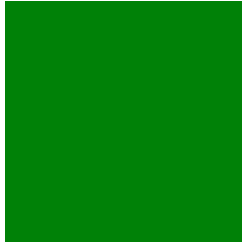


0



# Previews

## White Background



This preview shows how the Decimal color 33031 looks on a white background.

## Color Contrast Check

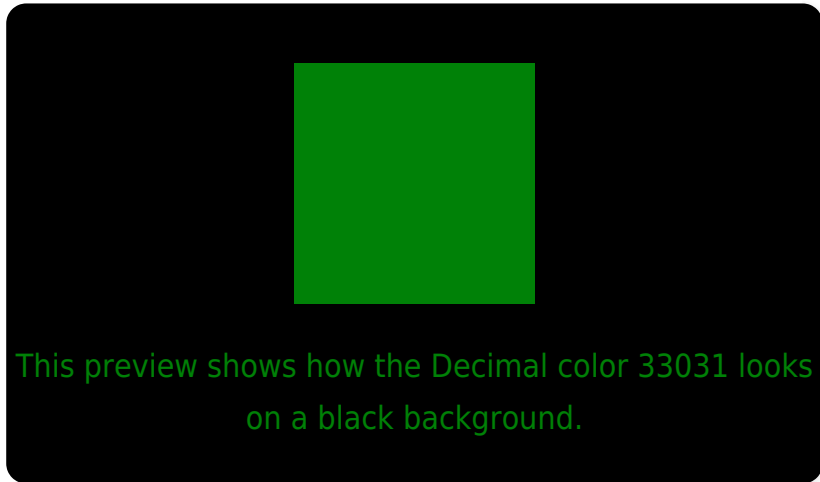
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 33031 Background



This preview shows how black text looks on a background with the Decimal color 33031.



This preview shows how white text looks on a background with the Decimal color 33031.

# 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**  
33031

**Protanopia**  
8154624

**Deuteranopia**  
9070877



**Tritanopia**  
3569794

# Trichromacy



**Original Color**  
33031



**Protanomaly**  
5207299



**Deuteranomaly**  
5796373

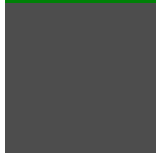


**Tritanomaly**  
2259797

# Monochromacy



**Original Color**  
33031



**Achromatopsia**  
5066061



**Achromatomaly**  
3235892

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 33031 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 #008107 looks like.

```
.text, #text, p{  
    color:#008107  
}
```

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 #008107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008107  
}
```

## Border

The CSS property to change the border of an element to Decimal 33031 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".

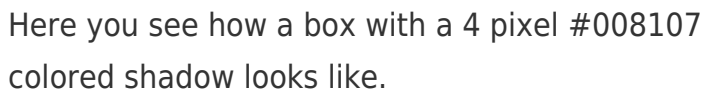
```
.border, #border, table{ border:4px solid  
#008107 }
```

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

```
.border{ border-color:#008107 }
```

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

Here you see how a box with a 4 pixel #008107 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008107; -webkit-box-shadow:4px 4px  
4px 4px #008107; box-shadow:4px 4px 4px  
4px #008107 }
```

# Background

The CSS property to change the background color of an element to Decimal 33031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008107 }
```

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

```
.background{ background-color:#008107 }
```

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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