

# Converting Colors

Decimal(31817)

Have a look what the booklet for  
Decimal(31817) contains.

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# Color

**Decimal(31817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007C49
RGB	0, 124, 73
RGB Percent	0%, 49%, 29%
CMY	1.0000, 0.5137, 0.7137
CMYK	1.00, 0.00, 0.41, 0.51
HSL	155°, 100%, 24%
HSV	155°, 100%, 49%
XYZ	8.4102, 14.8963, 8.7353
YIQ	81.1100, -57.5330, -42.1490

# Conversions

## Conversions Part 2

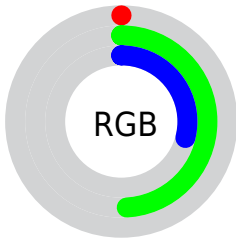
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 124
Decimal	31817
CIELab	45.49, -42.25, 19.76
CIELCh	45, 46.639, 154.931
Yxy	14.8963, 0.2625, 0.4649
Android (android.graphics.Color)	4278221897 (0xFF007C49)
YUV	81.1100, -3.9982, -71.1335
Hunter-Lab	38.5958, -28.6464, 13.5980

# Details

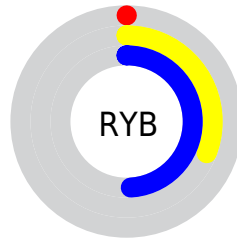
The Decimal color **31817** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8126515**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **5091962**, and **18972** is the 20% darker color. If you saturate the color by 10%, you get **31817**, and if you desaturate by 10%, it is **818254**.

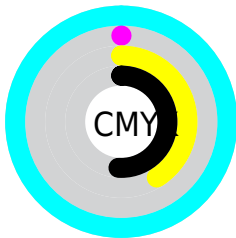
# Distribution



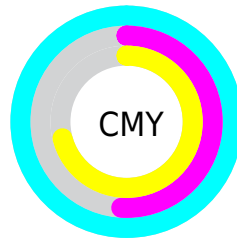
- Red (0%)
- Green (49%)
- Blue (29%)



- Red (0%)
- Yellow (31%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 31817 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 31817 by changing the saturation by 10% instead.





31817



31817

16777215



25138



5091962



18972



6999444



12805



8841903



7168



10682314



0



12582886



14483455



16449535



31817

 818254

 1670227

 2456664

 3308637

 4095075

 4881512

 5733485

 6519922

 7371895

# Harmonies

## Analogous

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



5404199



31817



32369

# Triad

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



31817



1732281



11423297

# Complementary

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



31817



8126515

# 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.



11683687



31817



7692204

# Square

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



31817



30898



10505869



10116387

# Rectangle

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



31817



32395



10505869



11684429



# Sweetspot

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



31817



7381389



3439616



3428934



13750737



5395026



# Same Dimension

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



31817



41311



29308



3620155



32074



64661



# Inverse Universe

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



8126515



10551362



8129024



4011834



8192051



16515176



# Previews

## White Background



This preview shows how the Decimal color 31817 looks on a white background.

## Color Contrast Check

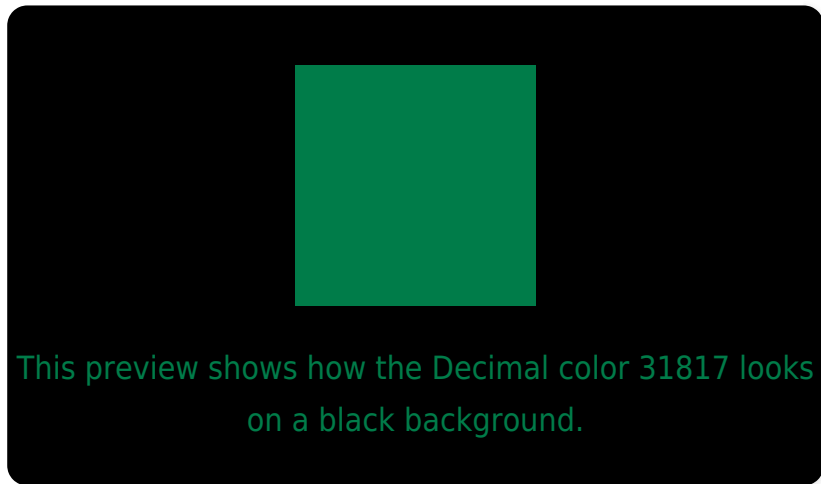
Large Text (above 18pt) WCAG AA ✓ Pass

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

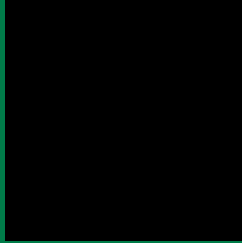
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 31817 Background



This preview shows how black text looks on a background with the Decimal color 31817.

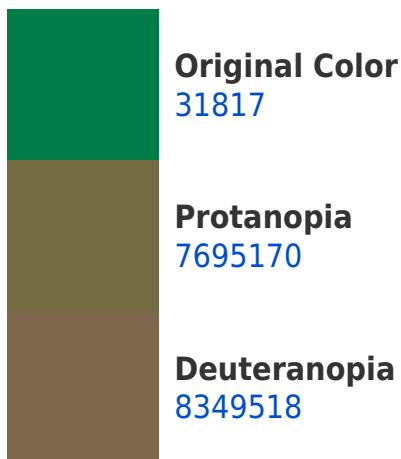


This preview shows how white text looks on a background with the Decimal color 31817.

# 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





**Tritanopia**  
2979455

# Trichromacy



**Original Color**

31817



**Protanomaly**

4878661



**Deuteranomaly**

5336908



**Tritanomaly**

1931371

# Monochromacy



**Original Color**

31817



**Achromatopsia**

5329233



**Achromatomaly**

3432782

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 31817 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 #007C49 looks like.

```
.text, #text, p{  
    color:#007C49  
}
```

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 #007C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C49
}
```

## Border

The CSS property to change the border of an element to Decimal 31817 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
#007C49 }
```

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

```
.border{ border-color:#007C49 }
```

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

Here you see how a box with a 4 pixel #007C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C49; -webkit-box-shadow:4px 4px  
4px 4px #007C49; box-shadow:4px 4px 4px  
4px #007C49 }
```

# Background

The CSS property to change the background color of an element to Decimal 31817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C49 }
```

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

```
.background{ background-color:#007C49 }
```

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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