

# Converting Colors

Decimal(31837)

Have a look what the booklet for  
Decimal(31837) contains.

<b>Decimal(31837)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(31837)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007C5D
RGB	0, 124, 93
RGB Percent	0%, 49%, 36%
CMY	1.0000, 0.5137, 0.6353
CMYK	1.00, 0.00, 0.25, 0.51
HSL	165°, 100%, 24%
HSV	165°, 100%, 49%
XYZ	9.1834, 15.2056, 12.8069
YIQ	83.3900, -63.9530, -35.9290

# Conversions

## Conversions Part 2

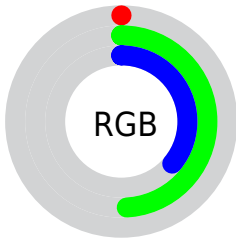
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 124
Decimal	31837
CIELab	45.91, -37.44, 8.76
CIELCh	46, 38.449, 166.835
Yxy	15.2056, 0.2469, 0.4088
Android (android.graphics.Color)	4278221917 (0xFF007C5D)
YUV	83.3900, 4.7377, -73.1330
Hunter-Lab	38.9944, -26.2022, 7.8235

# Details

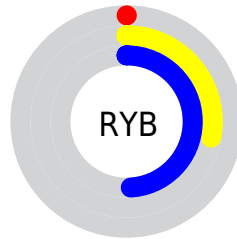
The Decimal color **31837** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8126495**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5157263**, and **18991** is the 20% darker color. If you saturate the color by 10%, you get **31837**, and if you desaturate by 10%, it is **818272**.

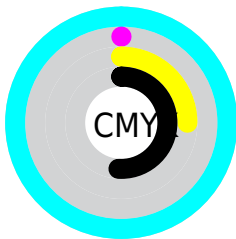
# Distribution



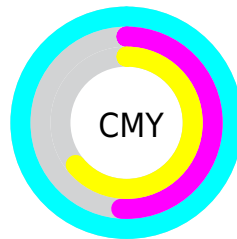
- Red (0%)
- Green (49%)
- Blue (36%)



- Red (0%)
- Yellow (28%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 31837 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 31837 by changing the saturation by 10% instead.




 31837  31837

16777215  25413

 5157263  18991

 6999466  12826

 8907461  7424

 10747873  0

 12648446

 14548991

 16515071

 31837

■ 818272

■ 1670243

■ 2456678

■ 3308649

■ 4095085

■ 4881520

■ 5733491

■ 6519926

■ 7371897

# Harmonies

## Analogous

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



4814911



31837



32126

# Triad

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



31837



5728938



10574399

# Complementary

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



31837



8126495

# 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.



11096668



31837



8805785

# Square

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



31837



29867



10572668



9135661

# Rectangle

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



31837



31890



10572668



10835784



# Sweetspot

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



31837



7381397



2063360



3428938



13750737



5395026



# Same Dimension

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



31837



41336



23932



3620156



32094



64701



# Inverse Universe

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



8126495



10551336



8134400



4011833



8192031



16515135



# Previews

## White Background



This preview shows how the Decimal color 31837 looks on a white background.

## Color Contrast Check

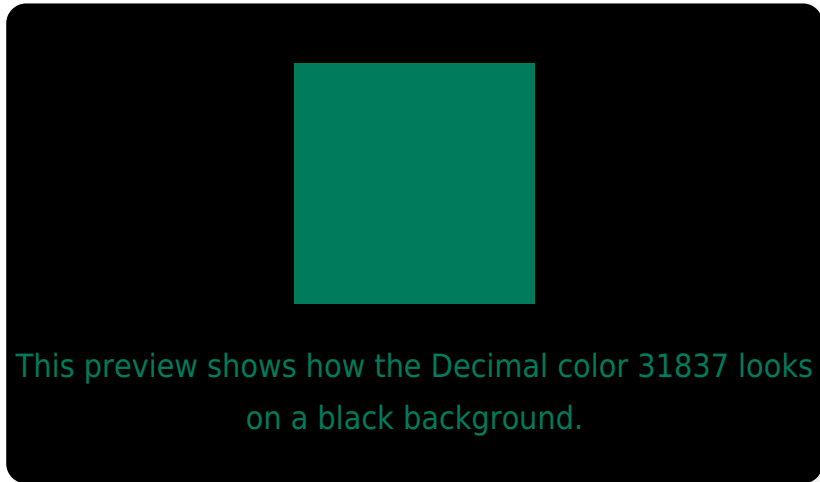
Large Text (above 18pt) WCAG AA ✓ Pass

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 31837 Background



This preview shows how black text looks on a background with the Decimal color 31837.



This preview shows how white text looks on a background with the Decimal color 31837.

# 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**  
31837

**Protanopia**  
7564373

**Deuteranopia**  
8087649



# Trichromacy



**Original Color**  
31837

**Protanomaly**  
4813400

**Deuteranomaly**  
5140320

**Tritanomaly**  
1669492

# Monochromacy



**Original Color**  
31837

**Achromatopsia**  
5460819

**Achromatomaly**  
3498583

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 31837 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 #007C5D looks like.

```
.text, #text, p{  
    color:#007C5D  
}
```

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 #007C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C5D
}
```

## Border

The CSS property to change the border of an element to Decimal 31837 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
#007C5D }
```

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

```
.border{ border-color:#007C5D }
```

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

Here you see how a box with a 4 pixel #007C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C5D; -webkit-box-shadow:4px 4px  
4px 4px #007C5D; box-shadow:4px 4px 4px  
4px #007C5D }
```

# Background

The CSS property to change the background color of an element to Decimal 31837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C5D }
```

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

```
.background{ background-color:#007C5D }
```

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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