

# Converting Colors

Decimal(30303)

Have a look what the booklet for  
Decimal(30303) contains.

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# Color

**Decimal(30303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00765F
RGB	0, 118, 95
RGB Percent	0%, 46%, 37%
CMY	1.0000, 0.5373, 0.6275
CMYK	1.00, 0.00, 0.19, 0.54
HSL	168°, 100%, 23%
HSV	168°, 100%, 46%
XYZ	8.5440, 13.7831, 13.0366
YIQ	80.0960, -62.9450, -32.1690

# Conversions

## Conversions Part 2

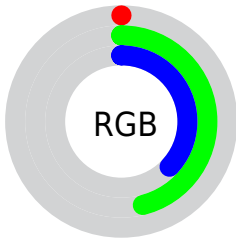
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 118
Decimal	30303
CIELab	43.92, -34.30, 4.74
CIELCh	44, 34.622, 172.137
Yxy	13.7831, 0.2416, 0.3898
Android (android.graphics.Color)	4278220383 (0xFF00765F)
YUV	80.0960, 7.3477, -70.2442
Hunter-Lab	37.1256, -23.8902, 5.1684

# Details

The Decimal color **30303** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7733271**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **5024657**, and **17713** is the 20% darker color. If you saturate the color by 10%, you get **30303**, and if you desaturate by 10%, it is **816737**.

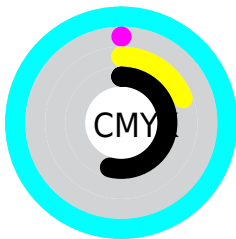
# Distribution



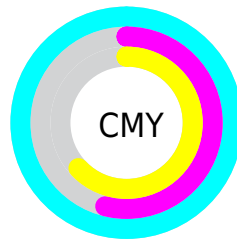
- Red (0%)
- Green (46%)
- Blue (37%)



- Red (0%)
- Yellow (25%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 30303 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 30303 by changing the saturation by 10% instead.



 30303  30303

16777215  23879

 5024657  17713

 6932396  11548

 8774599  5634

 10616803  0

 12451839

 14417919

 16318463

 30303

■ 816737

■ 1603172

■ 2324070

■ 3110504

■ 3896938

■ 4683373

■ 5469807

■ 6190705

■ 6977140

# Harmonies

## Analogous

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



4354883



30303



30333

# Triad

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



30303



6185885



9722171

# Complementary

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



30303



7733271

# 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.



10375508



30303



8673419

# Square

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



30303



1994144



10047601



8414254

# Rectangle

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



30303



30094



10047601



10049091



# Sweetspot

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



30303



7051664



1603072



3231047



13421772



5066061



# Same Dimension

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



30303



39291



21366



3488570



31331



64201



# Inverse Universe

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



7733271



10027038



7742208



3880246



7995416



16384049



# Previews

## White Background



This preview shows how the Decimal color 30303 looks on a white background.

### Color Contrast Check

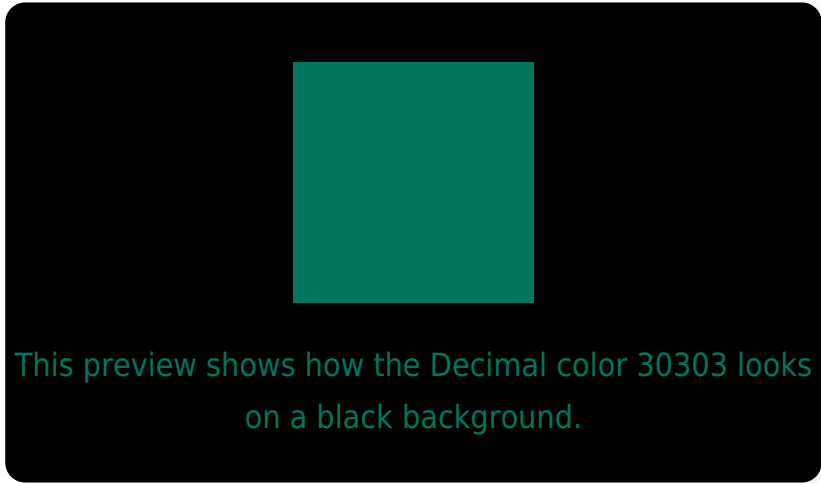
Large Text (above 18pt) WCAG AA ✓ Pass

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

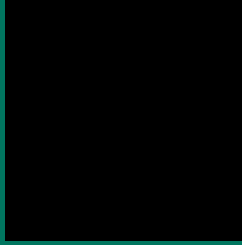
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 30303 Background



This preview shows how black text looks on a background with the Decimal color 30303.

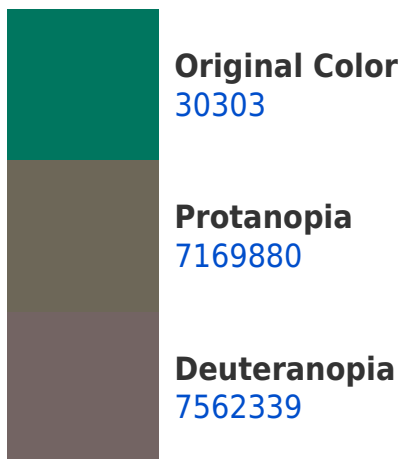


This preview shows how white text looks on a background with the Decimal color 30303.

# 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





# Trichromacy



**Original Color**  
30303

**Protanomaly**  
4549723

**Deuteranomaly**  
4811618

**Tritanomaly**  
1471345

# Monochromacy



**Original Color**  
30303

**Achromatopsia**  
5263440

**Achromatomaly**  
3366485

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 30303 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 #00765F looks like.

```
.text, #text, p{  
    color:#00765F  
}
```

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 #00765F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00765F
}
```

## Border

The CSS property to change the border of an element to Decimal 30303 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
#00765F }
```

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

```
.border{ border-color:#00765F }
```

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

Here you see how a box with a 4 pixel #00765F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00765F; -webkit-box-shadow:4px 4px  
4px 4px #00765F; box-shadow:4px 4px 4px  
4px #00765F }
```

# Background

The CSS property to change the background color of an element to Decimal 30303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00765F }
```

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

```
.background{ background-color:#00765F }
```

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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