

# Converting Colors

Decimal(818761)

Have a look what the booklet for  
Decimal(818761) contains.

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# Color

**Decimal(818761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C7E49
RGB	12, 126, 73
RGB Percent	5%, 49%, 29%
CMY	0.9529, 0.5059, 0.7137
CMYK	0.90, 0.00, 0.42, 0.51
HSL	152°, 83%, 27%
HSV	152°, 90%, 49%
XYZ	8.8151, 15.4809, 8.8268
YIQ	85.8720, -50.9310, -40.6510

# Conversions

## Conversions Part 2

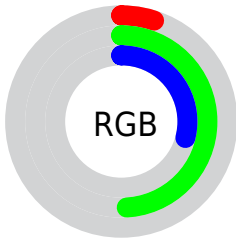
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 86, 126
Decimal	818761
CIELab	46.29, -42.15, 20.83
CIElCh	46, 47.015, 153.701
Yxy	15.4809, 0.2661, 0.4674
Android (android.graphics.Color)	4279008841 (0xFF0C7E49)
YUV	85.8720, -6.3459, -64.7857
Hunter-Lab	39.3458, -28.8638, 14.2409

# Details

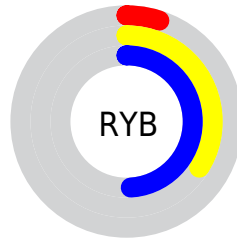
The Decimal color **818761** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8260673**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **5354618**, and **19484** is the 20% darker color. If you saturate the color by 10%, you get **32323**, and if you desaturate by 10%, it is **1670735**.

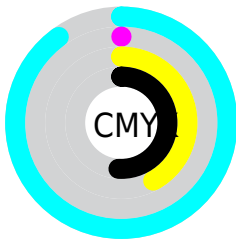
# Distribution



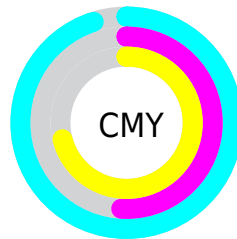
- Red (5%)
- Green (49%)
- Blue (29%)



- Red (5%)
- Yellow (34%)
- Blue (49%)



- Cyan (90%)
- Magenta (0%)
- Yellow (42%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 818761 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 818761 by changing the saturation by 10% instead.




 818761  818761

16777215  25650

 5354618  19484

 7262356  13316

 9104559  7680

 10944458  0

 12845031

 14745599

 16646143

 818761  818761

■ 32323

■ 1670735

■ 2457173

■ 3309147

■ 4095584

■ 4947558

■ 5799532

■ 6585970

■ 7437944

■ 8224382

# Harmonies

## Analogous

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



5601319



818761



33138

# Triad

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



818761



1208764



11685700

# Complementary

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



818761



8260673

# 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.



11815018



818761



7692720

# Square

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



818761



31668



10572177



10379045

# Rectangle

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



818761



32908



10572177



11881552



# Sweetspot

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



818761



7840655



4292108



3625541



13750737



5395026



# Same Dimension

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



818761



41815



817790



3751997



32836



0



# Inverse Universe

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



8260673



10682444



8261644



4208956



8388667



0



# Previews

## White Background



This preview shows how the Decimal color 818761 looks on a white background.

### Color Contrast Check

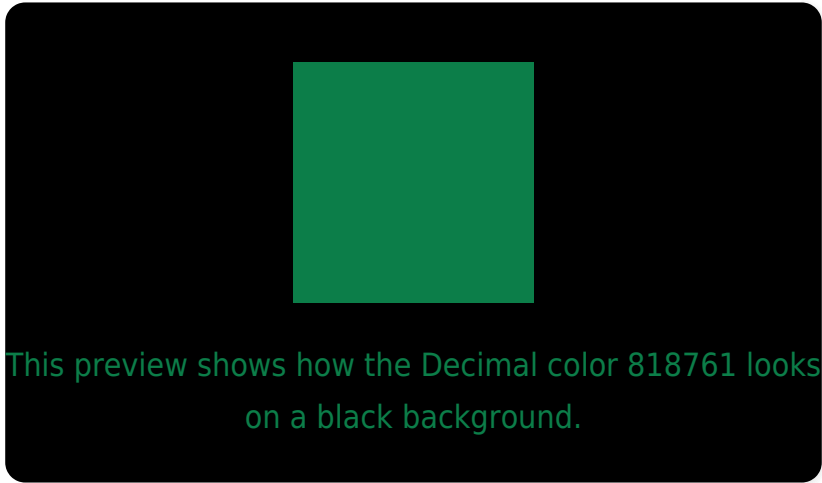
Large Text (above 18pt) WCAG AA ✓ Pass

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

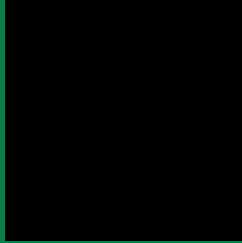
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 818761 Background



This preview shows how black text looks on a background with the Decimal color 818761.



This preview shows how white text looks on a background with the Decimal color 818761.

# 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**  
818761

**Protanopia**  
7826754

**Deuteranopia**  
8546638



# Trichromacy



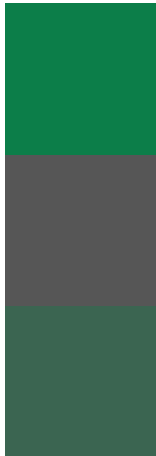
**Original Color**  
818761

**Protanomaly**  
5272389

**Deuteranomaly**  
5730636

**Tritanomaly**  
2259565

# Monochromacy



**Original Color**  
818761

**Achromatopsia**  
5658198

**Achromatomaly**  
3892561

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 818761 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 #0C7E49 looks like.

```
.text, #text, p{  
    color:#0C7E49  
}
```

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 #0C7E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7E49
}
```

## Border

The CSS property to change the border of an element to Decimal 818761 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
#0C7E49 }
```

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

```
.border{ border-color:#0C7E49 }
```

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

Here you see how a box with a 4 pixel #0C7E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7E49; -webkit-box-shadow:4px 4px  
4px 4px #0C7E49; box-shadow:4px 4px 4px  
4px #0C7E49 }
```

# Background

The CSS property to change the background color of an element to Decimal 818761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7E49 }
```

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

```
.background{ background-color:#0C7E49 }
```

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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