

# Converting Colors

Decimal(761211)

Have a look what the booklet for  
Decimal(761211) contains.

<b>Decimal(761211)</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(761211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B9D7B
RGB	11, 157, 123
RGB Percent	4%, 62%, 48%
CMY	0.9569, 0.3843, 0.5176
CMYK	0.93, 0.00, 0.22, 0.38
HSL	166°, 87%, 33%
HSV	166°, 93%, 62%
XYZ	15.7701, 25.6151, 22.8519
YIQ	109.4700, -76.1020, -41.5260

# Conversions

## Conversions Part 2

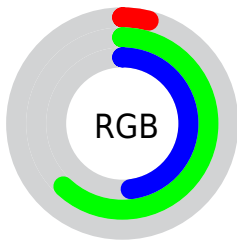
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 94, 157
Decimal	761211
CIELab	57.67, -42.79, 8.16
CIELCh	58, 43.566, 169.202
Yxy	25.6151, 0.2455, 0.3988
Android (android.graphics.Color)	4278951291 (0xFF0B9D7B)
YUV	109.4700, 6.6703, -86.3582
Hunter-Lab	50.6114, -32.9507, 8.6575

# Details

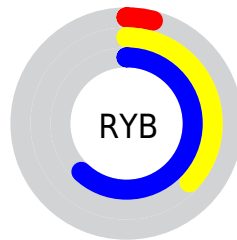
The Decimal color **761211** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10292013**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **6018223**, and **26698** is the 20% darker color. If you saturate the color by 10%, you get **40312**, and if you desaturate by 10%, it is **1809791**.

# Distribution



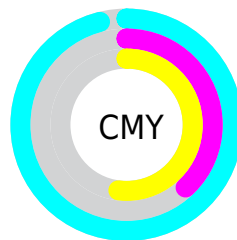
- Red (4%)
- Green (62%)
- Blue (48%)



- Red (4%)
- Yellow (37%)
- Blue (62%)



- Cyan (93%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (96%)
- Magenta (38%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 761211 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 761211 by changing the saturation by 10% instead.



 761211  761211


16777215  33378

 6018223  26698

 7991755  20276

 9895911  14110

 11862015  8711

 13828095  0

 15794175

 761211  761211

 40312  1809791

■ 2792834

■ 3841414

■ 4889994

■ 5873037

■ 6921617

■ 7970197

■ 9018776

■ 10001820

# Harmonies

## Analogous

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



6133847



761211



40610

# Triad

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



761211



7833298



13071954

# Complementary

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



761211



10292013

# 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.



13790324



761211



11302845

# Square

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



761211



824277



13266074



11371582

# Rectangle

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



761211



40122



13266074



13463900



# Sweetspot

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



761211



9686207



2989323



4417118



15132390



6710886



# Same Dimension

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



761211



52380



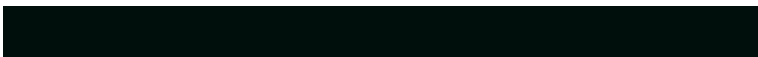
751261



4673357



36718



3852



# Inverse Universe

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



10292013



13369392



10301963



5195593



9371681



983044



# Previews

## White Background



This preview shows how the Decimal color 761211 looks on a white background.

### Color Contrast Check

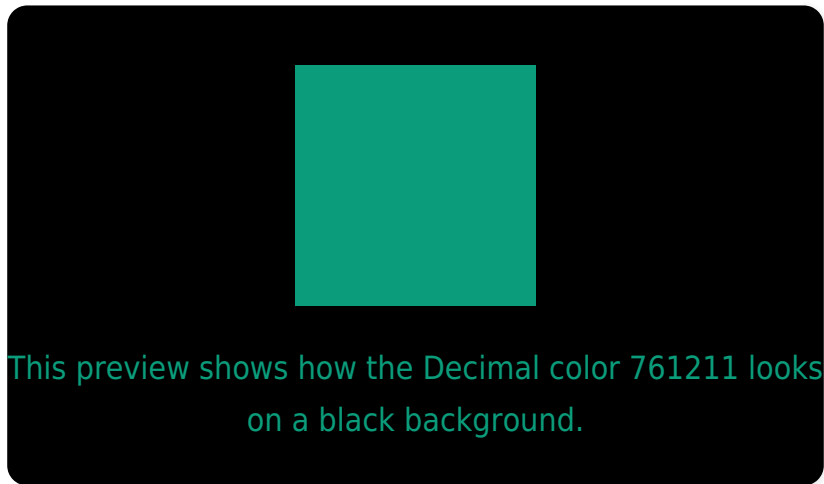
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

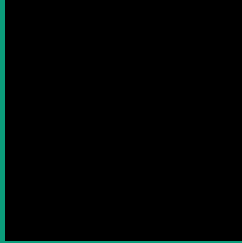
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 761211 Background



This preview shows how black text looks on a background with the Decimal color 761211.

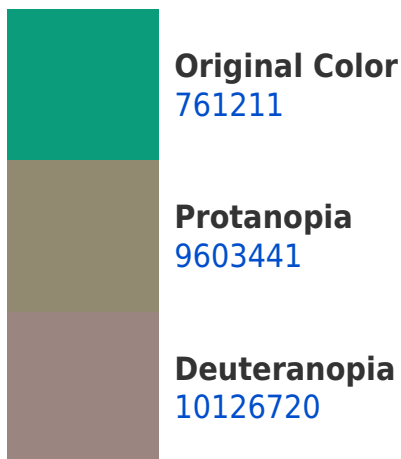


This preview shows how white text looks on a background with the Decimal color 761211.

# 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**  
3250340

# Trichromacy



**Original Color**

761211



**Protanomaly**

6393973



**Deuteranomaly**

6721150



**Tritanomaly**

2333333

# Monochromacy



**Original Color**

761211



**Achromatopsia**

7171437



**Achromatomaly**

4816498

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 761211 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 #0B9D7B looks like.

```
.text, #text, p{  
    color:#0B9D7B  
}
```

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 #0B9D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B9D7B
}
```

## Border

The CSS property to change the border of an element to Decimal 761211 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
#0B9D7B }
```

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

```
.border{ border-color:#0B9D7B }
```

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

Here you see how a box with a 4 pixel #0B9D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B9D7B; -webkit-box-shadow:4px 4px  
4px 4px #0B9D7B; box-shadow:4px 4px 4px  
4px #0B9D7B }
```

# Background

The CSS property to change the background color of an element to Decimal 761211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B9D7B }
```

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

```
.background{ background-color:#0B9D7B }
```

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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