

# Converting Colors

Decimal(10516333)

Have a look what the booklet for  
Decimal(10516333) contains.

<b>Decimal(10516333)</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(10516333)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0776D
RGB	160, 119, 109
RGB Percent	63%, 47%, 43%
CMY	0.3725, 0.5333, 0.5725
CMYK	0.00, 0.26, 0.32, 0.37
HSL	12°, 21%, 53%
HSV	12°, 32%, 63%
XYZ	23.8543, 21.7714, 17.4130
YIQ	130.1190, 27.6460, 5.5820

# Conversions

## Conversions Part 2

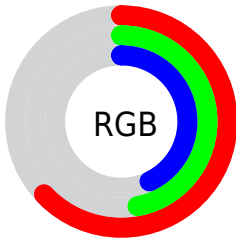
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 121, 109
Decimal	10516333
CIE Lab	53.78, 14.60, 11.76
CIE LCh	54, 18.743, 38.848
Yxy	21.7714, 0.3784, 0.3454
Android (android.graphics.Color)	4288706413 (0xFFA0776D)
YUV	130.1190, -10.4117, 26.2056
Hunter-Lab	46.6598, 9.6017, 10.5353

# Details

The Decimal color **10516333** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7181984**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **14199712**, and **7030334** is the 20% darker color. If you saturate the color by 10%, you get **10512989**, and if you desaturate by 10%, it is **10519677**.

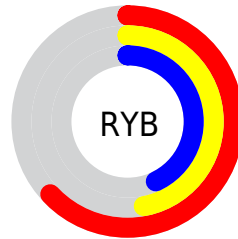
# Distribution



Red (63%)

Green (47%)

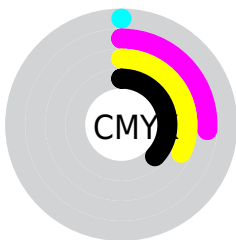
Blue (43%)



Red (63%)

Yellow (47%)

Blue (43%)

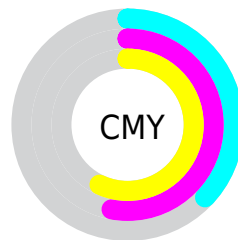


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (37%)



Cyan (37%)

Magenta (53%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10516333 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 10516333 by changing the saturation by 10% instead.



 10516333

 10516333

16777215

 8740437


 14199712

 7030334

 16107451

 5386280

 16770007

 3807763

 16777204

 2359808

 0

 10516333

 10516333

 10512989

 10519677

 10509645

 10523021

10506301

10526365

10503213

10529453

10499869

10532797

10496525

10536141

10493696

10539485

10542829

10546173

# Harmonies

## Analogous

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



10581372



10516333



9927779

# Triad

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



10516333



6588788



7635104

# Complementary

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



10516333



7181984

# 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.



6260126



10516333



5671557

# Square

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



10516333



7767655



5474708



9010074

# Rectangle

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



10516333



9273184



5474708



7111328



# Sweetspot

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



10516333



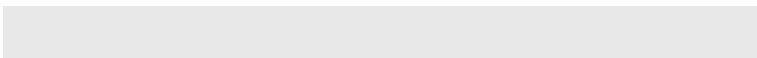
13746364



10513815



6905436



15263976



6908265



# Same Dimension

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



10516333



13734274



10522733



5196103



9378816



983808



# Inverse Universe

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



7181984



8569553



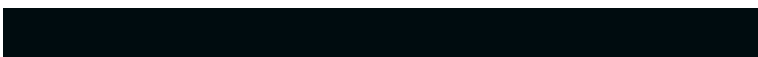
7175584



4673103



29583



3087



# Previews

## White Background



This preview shows how the Decimal color 10516333 looks on a white background.

## Color Contrast Check

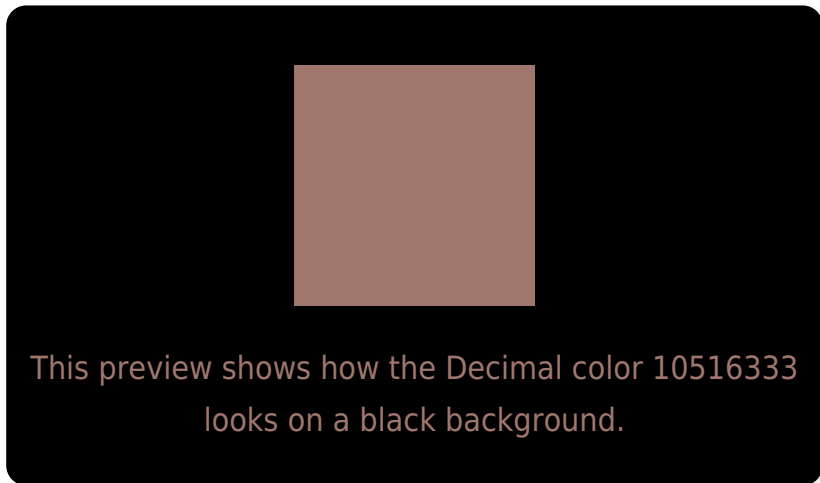
Large Text (above 18pt) WCAG AA ✓ Pass

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 10516333 Background



This preview shows how black text looks on a background with the Decimal color 10516333.



This preview shows how white text looks on a background with the Decimal color 10516333.

# 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**  
10516333

**Protanopia**  
8880242

**Deuteranopia**  
9796716



**Tritanopia**  
10646909

# Trichromacy



**Original Color**  
10516333

**Protanomaly**  
9469296

**Deuteranomaly**  
10058348

**Tritanomaly**  
10581623

# Monochromacy



**Original Color**  
10516333

**Achromatopsia**  
8553090

**Achromatomaly**  
9272954

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10516333 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 #A0776D looks like.

```
.text, #text, p{  
    color:#A0776D  
}
```

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 #A0776D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0776D
}
```

## Border

The CSS property to change the border of an element to Decimal 10516333 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
#A0776D }
```

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

```
.border{ border-color:#A0776D }
```

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

Here you see how a box with a 4 pixel #A0776D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0776D; -webkit-box-shadow:4px 4px  
4px 4px #A0776D; box-shadow:4px 4px 4px  
4px #A0776D }
```

# Background

The CSS property to change the background color of an element to Decimal 10516333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0776D }
```

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

```
.background{ background-color:#A0776D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor