

# Converting Colors

Decimal(10068863)

Have a look what the booklet for  
Decimal(10068863) contains.

<b>Decimal(10068863)</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(10068863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A37F
RGB	153, 163, 127
RGB Percent	60%, 64%, 50%
CMY	0.4000, 0.3608, 0.5020
CMYK	0.06, 0.00, 0.22, 0.36
HSL	77°, 16%, 57%
HSV	77°, 22%, 64%
XYZ	30.0648, 34.4990, 25.1531
YIQ	155.9060, 5.5960, -13.3160

# Conversions

## Conversions Part 2

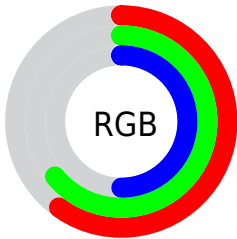
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 163, 137
Decimal	10068863
CIELab	65.36, -10.00, 17.55
CIELCh	65, 20.200, 119.666
Yxy	34.4990, 0.3351, 0.3845
Android (android.graphics.Color)	4288258943 (0xFF99A37F)
YUV	155.9060, -14.2507, -2.5486
Hunter-Lab	58.7358, -11.4198, 15.7247

# Details

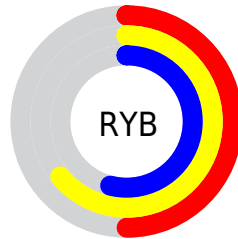
The Decimal color **10068863** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9011107**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **13687476**, and **6713166** is the 20% darker color. If you saturate the color by 10%, you get **9741167**, and if you desaturate by 10%, it is **10396559**.

# Distribution



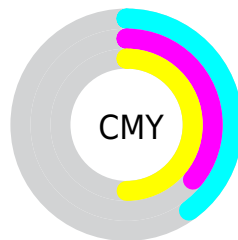
- Red (60%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10068863 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 10068863 by changing the saturation by 10% instead.



 10068863

 10068863

16777215

 8358246

 13687476

 6713166

 15529679

 5068599

 16777196

 3555361

 2173451

 267776

 0

 10068863

 10068863

 9741167

 10396559

■ 9479006

■ 10658720

■ 9151310

■ 10986416

■ 8889150

■ 11248576

■ 8561454

■ 11576272

■ 8299293

■ 11838433

■ 7971597

■ 12166129

■ 7774976

■ 12428287

■ 12755967

# Harmonies

## Analogous

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



11378043



10068863



8693644

# Triad

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



10068863



7644605



12751520

# Complementary

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



10068863



9011107

# 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.



11965873



10068863



9019586

# Square

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



10068863



7121072



10656446



12882830

# Rectangle

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



10068863



7907736



10656446



12554918



# Sweetspot

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



10068863



13685957



10717567



6908771



15461355



7039851



# Same Dimension

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



10068863



12899483



8889215



5198409



6918400



856576



# Inverse Universe

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



9011107



11181012



10190755



4999506



2621585



327698



# Previews

## White Background



This preview shows how the Decimal color 10068863 looks on a white background.

## Color Contrast Check

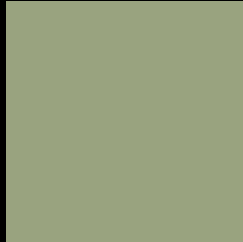
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10068863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

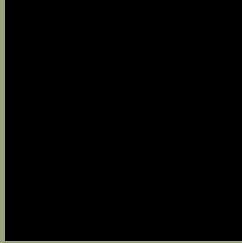
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10068863 Background



This preview shows how black text looks on a background with the Decimal color 10068863.



This preview shows how white text looks on a background with the Decimal color 10068863.

# 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**  
10068863

**Protanopia**  
11116157

**Deuteranopia**  
12097665



**Tritanopia**  
10460586

# Trichromacy



**Original Color**  
10068863

**Protanomaly**  
10723454

**Deuteranomaly**  
11377792

**Tritanomaly**  
10330010

# Monochromacy



**Original Color**  
10068863

**Achromatopsia**  
10263708

**Achromatomaly**  
10198929

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10068863 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 #99A37F looks like.

```
.text, #text, p{  
    color:#99A37F  
}
```

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 #99A37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A37F
}
```

## Border

The CSS property to change the border of an element to Decimal 10068863 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
#99A37F }
```

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

```
.border{ border-color:#99A37F }
```

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

Here you see how a box with a 4 pixel #99A37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A37F; -webkit-box-shadow:4px 4px  
4px 4px #99A37F; box-shadow:4px 4px 4px  
4px #99A37F }
```

# Background

The CSS property to change the background color of an element to Decimal 10068863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A37F }
```

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

```
.background{ background-color:#99A37F }
```

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