

# Converting Colors

Decimal(10267253)

Have a look what the booklet for  
Decimal(10267253) contains.

<b>Decimal(10267253)</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(10267253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAA75
RGB	156, 170, 117
RGB Percent	61%, 67%, 46%
CMY	0.3882, 0.3333, 0.5412
CMYK	0.08, 0.00, 0.31, 0.33
HSL	76°, 24%, 56%
HSV	76°, 31%, 67%
XYZ	31.2959, 37.1017, 22.3415
YIQ	159.7720, 8.6690, -19.4510

# Conversions

## Conversions Part 2

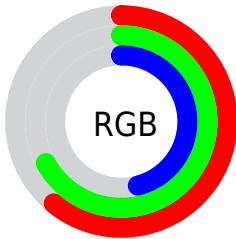
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 170, 131
Decimal	10267253
CIELab	67.35, -14.02, 25.75
CIELCh	67, 29.317, 118.561
Yxy	37.1017, 0.3449, 0.4089
Android (android.graphics.Color)	4288457333 (0xFF9CAA75)
YUV	159.7720, -21.0866, -3.3080
Hunter-Lab	60.9112, -14.8820, 20.8910

# Details

The Decimal color **10267253** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8615338**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **13885866**, and **6846020** is the 20% darker color. If you saturate the color by 10%, you get **10005092**, and if you desaturate by 10%, it is **10529414**.

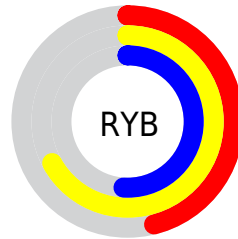
# Distribution



Red (61%)

Green (67%)

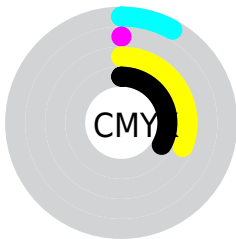
Blue (46%)



Red (46%)

Yellow (67%)

Blue (51%)

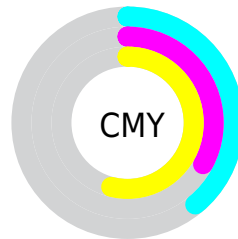


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10267253 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 10267253 by changing the saturation by 10% instead.





10267253



10267253

16777215



8556636



13885866



6846020



15793861



5201197



16777185



3687959

16777214



2240256



334592



0



10267253



10267253



10005092



10529414

■ 9677395

■ 10857111

■ 9415234

■ 11119272

■ 9087537

■ 11446969

■ 8825376

■ 11709130

■ 8497679

■ 12036827

■ 8235520

■ 12298988

■ 12626685

■ 12888831

# Harmonies

## Analogous

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



12100207



10267253



8237192

# Triad

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



10267253



6074064



14061734

# Complementary

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



10267253



8615338

# 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.



12948928



10267253



8366040

# Square

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



10267253



5223100



10919634



14193292

# Rectangle

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



10267253



6927001



10919634



13799855



# Sweetspot

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



10267253



14278346



11174517



7172196



15790320



7368816



# Same Dimension

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



10267253



13164172



8563317



5395532



7181312



988160



# Inverse Universe

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



8615338



10587358



10319274



5131348



2556052



327700



# Previews

## White Background



This preview shows how the Decimal color 10267253 looks on a white background.

## Color Contrast Check

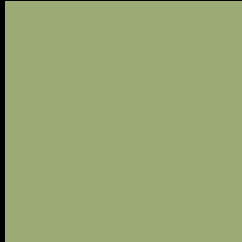
Large Text (above 18pt) WCAG AA × Fail

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 10267253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

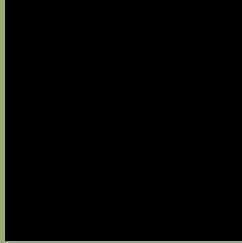
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10267253 Background



This preview shows how black text looks on a background with the Decimal color 10267253.



This preview shows how white text looks on a background with the Decimal color 10267253.

# 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**  
10267253

**Protanopia**  
11641970

**Deuteranopia**  
12754296



**Tritanopia**  
10789807

# Trichromacy



**Original Color**  
10267253

**Protanomaly**  
11118195

**Deuteranomaly**  
11838071

**Tritanomaly**  
10593946

# Monochromacy



**Original Color**  
10267253

**Achromatopsia**  
10526880

**Achromatomaly**  
10462352

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10267253 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 #9CAA75 looks like.

```
.text, #text, p{  
  color:#9CAA75  
}
```

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 #9CAA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAA75
}
```

## Border

The CSS property to change the border of an element to Decimal 10267253 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
#9CAA75 }
```

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

```
.border{ border-color:#9CAA75 }
```

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

Here you see how a box with a 4 pixel #9CAA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAA75; -webkit-box-shadow:4px 4px  
4px 4px #9CAA75; box-shadow:4px 4px 4px  
4px #9CAA75 }
```

# Background

The CSS property to change the background color of an element to Decimal 10267253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAA75 }
```

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

```
.background{ background-color:#9CAA75 }
```

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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