

# Converting Colors

Decimal(9797236)

Have a look what the booklet for  
Decimal(9797236) contains.

<b>Decimal(9797236)</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(9797236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	957E74
RGB	149, 126, 116
RGB Percent	58%, 49%, 45%
CMY	0.4157, 0.5059, 0.5451
CMYK	0.00, 0.15, 0.22, 0.42
HSL	18°, 13%, 52%
HSV	18°, 22%, 58%
XYZ	23.0077, 22.5722, 19.6672
YIQ	131.7370, 16.9180, 1.7660

# Conversions

## Conversions Part 2

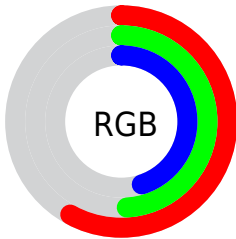
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 130, 116
Decimal	9797236
CIE Lab	54.63, 7.18, 8.72
CIE LCh	55, 11.293, 50.539
Yxy	22.5722, 0.3526, 0.3459
Android (android.graphics.Color)	4287987316 (0xFF957E74)
YUV	131.7370, -7.7583, 15.1397
Hunter-Lab	47.5102, 3.2989, 8.7136

# Details

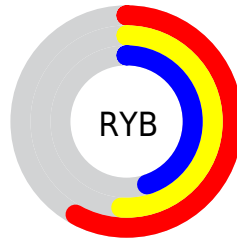
The Decimal color **9797236** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7637909**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **13349800**, and **6442308** is the 20% darker color. If you saturate the color by 10%, you get **9794661**, and if you desaturate by 10%, it is **9799811**.

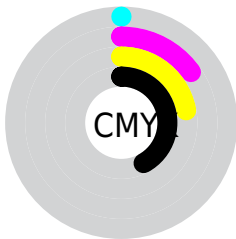
# Distribution



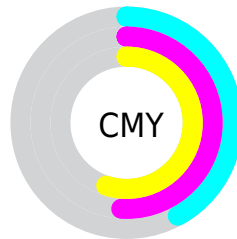
- Red (58%)
- Green (49%)
- Blue (45%)



- Red (58%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9797236 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 9797236 by changing the saturation by 10% instead.





9797236



9797236

16777215



8086875



13349800



6442308



15257283



4863534



16771807



3285273

16777212



2034432



0



9797236



9797236



9794661



9799811



9791830



9802642

9789255

9805217

9786424

9808048

9783850

9810623

9781275

9813197

9778444

9816028

9776384

9818603

9821178

# Harmonies

## Analogous

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



9993340



9797236



9339248

# Triad

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



9797236



7309439



8487317

# Complementary

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



9797236



7637909

# 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.



7701654



9797236



6981769

# Square

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



9797236



7898998



7112593



9207439

# Rectangle

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



9797236



8881008



7112593



8159894



# Sweetspot

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



9797236



12761268



9794699



6380377



14737632



6381921



# Same Dimension

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



9797236



12754317



9801332



4867395



9054720



656128



# Inverse Universe

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



7637909



9286338



7633813



4409418



24714



1802



# Previews

## White Background



This preview shows how the Decimal color 9797236 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



This preview shows how the Decimal color 9797236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

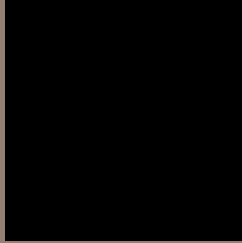
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9797236 Background



This preview shows how black text looks on a background with the Decimal color 9797236.



This preview shows how white text looks on a background with the Decimal color 9797236.

# 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**  
9797236

**Protanopia**  
8946294

**Deuteranopia**  
9797236



**Tritanopia**  
9927557

# Trichromacy



**Original Color**

9797236

**Protanomaly**

9273717

**Deuteranomaly**

9797236

**Tritanomaly**

9862271

# Monochromacy



**Original Color**

9797236

**Achromatopsia**

8684676

**Achromatomaly**

9077374

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9797236 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 #957E74 looks like.

```
.text, #text, p{  
    color:#957E74  
}
```

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 #957E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957E74
}
```

## Border

The CSS property to change the border of an element to Decimal 9797236 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
#957E74 }
```

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

```
.border{ border-color:#957E74 }
```

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

Here you see how a box with a 4 pixel #957E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957E74; -webkit-box-shadow:4px 4px  
4px 4px #957E74; box-shadow:4px 4px 4px  
4px #957E74 }
```

# Background

The CSS property to change the background color of an element to Decimal 9797236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957E74 }
```

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

```
.background{ background-color:#957E74 }
```

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