

# Converting Colors

Decimal(9795174)

Have a look what the booklet for  
Decimal(9795174) contains.

<b>Decimal(9795174)</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(9795174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	957666
RGB	149, 118, 102
RGB Percent	58%, 46%, 40%
CMY	0.4157, 0.5373, 0.6000
CMYK	0.00, 0.21, 0.32, 0.42
HSL	20°, 19%, 49%
HSV	20°, 32%, 58%
XYZ	21.2711, 20.3057, 15.3687
YIQ	125.4450, 23.6120, 1.5960

# Conversions

## Conversions Part 2

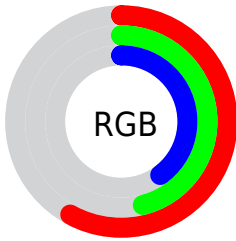
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 126, 102
Decimal	9795174
CIE <sub>Lab</sub>	52.18, 9.68, 13.42
CIE <sub>LCh</sub>	52, 16.549, 54.191
Yxy	20.3057, 0.3735, 0.3566
Android (android.graphics.Color)	4287985254 (0xFF957666)
YUV	125.4450, -11.5584, 20.6577
Hunter-Lab	45.0619, 5.4013, 11.3221

# Details

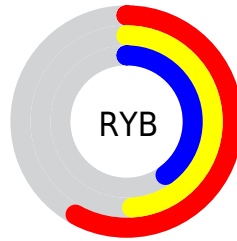
The Decimal color **9795174** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6718869**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **13413017**, and **6374967** is the 20% darker color. If you saturate the color by 10%, you get **9792599**, and if you desaturate by 10%, it is **9797749**.

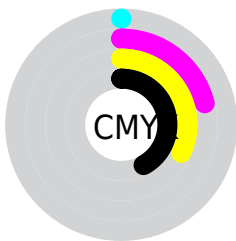
# Distribution



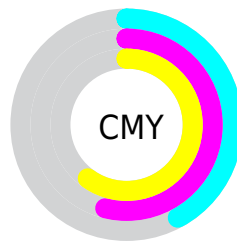
- Red (58%)
- Green (46%)
- Blue (40%)



- Red (58%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (42%)



- Cyan (42%)
- Magenta (54%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9795174 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 9795174 by changing the saturation by 10% instead.



■ 9795174

■ 9795174

16777215

■ 8084814

■ 13413017

■ 6374967

■ 15254964

■ 4796194

■ 16769487

■ 3217932

■ 16776940

■ 1835008

■ 0

■ 9795174

■ 9795174

■ 9792599

■ 9797749

■ 9790024

■ 9800324

■ 9787705

■ 9802643

■ 9785130

■ 9805218

■ 9782556

■ 9807793

■ 9779981

■ 9810367

■ 9777920

■ 9812942

■ 9815517

■ 9817836

# Harmonies

## Analogous

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



10122097



9795174



9075552

# Triad

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



9795174



6128761



8092310

# Complementary

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



9795174



6718869

# 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.



6848408



9795174



5604488

# Square

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



9795174



7045996



5866131



9205133

# Rectangle

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



9795174



8420961



5866131



7699352



# Sweetspot

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



9795174



12760752



9791109



6380118



14737632



6381921



# Same Dimension

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



9795174



12751224



9801062



4867395



9056000



656128



# Inverse Universe

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



6718869



7907778



6712981



4409162



23434

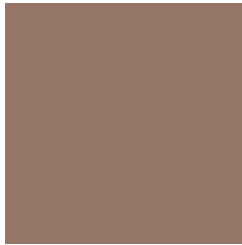


1802



# Previews

## White Background



This preview shows how the Decimal color 9795174 looks on a white background.

## Color Contrast Check

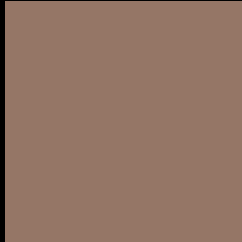
Large Text (above 18pt) WCAG AA ✓ Pass

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 9795174 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 9795174 Background



This preview shows how black text looks on a background with the Decimal color 9795174.



This preview shows how white text looks on a background with the Decimal color 9795174.

# 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**  
9795174

**Protanopia**  
8617065

**Deuteranopia**  
9533542



**Tritanopia**  
9925500

# Trichromacy



**Original Color**  
9795174

**Protanomaly**  
9075304

**Deuteranomaly**  
9598822

**Tritanomaly**  
9860212

# Monochromacy



**Original Color**  
9795174

**Achromatopsia**  
8224125

**Achromatomaly**  
8813173

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9795174 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 #957666 looks like.

```
.text, #text, p{  
  color:#957666  
}
```

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 #957666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957666
}
```

## Border

The CSS property to change the border of an element to Decimal 9795174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

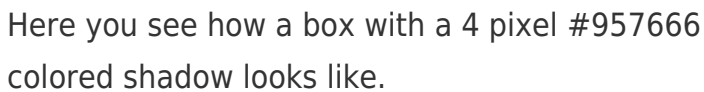
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#957666 }
```

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

```
.border{ border-color:#957666 }
```

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



Here you see how a box with a 4 pixel #957666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957666; -webkit-box-shadow:4px 4px  
4px 4px #957666; box-shadow:4px 4px 4px  
4px #957666 }
```

# Background

The CSS property to change the background color of an element to Decimal 9795174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957666 }
```

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

```
.background{ background-color:#957666 }
```

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