

# Converting Colors

Decimal(9797749)

Have a look what the booklet for  
Decimal(9797749) contains.

<b>Decimal(9797749)</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(9797749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958075
RGB	149, 128, 117
RGB Percent	58%, 50%, 46%
CMY	0.4157, 0.4980, 0.5412
CMYK	0.00, 0.14, 0.21, 0.42
HSL	21°, 13%, 52%
HSV	21°, 21%, 58%
XYZ	23.3245, 23.1123, 20.0614
YIQ	133.0250, 16.0470, 1.0310

# Conversions

## Conversions Part 2

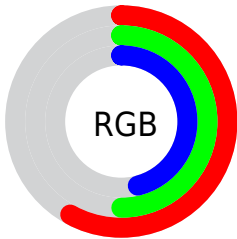
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	149, 134, 117
Decimal	9797749
CIE Lab	55.19, 6.19, 8.93
CIE LCh	55, 10.868, 55.267
Yxy	23.1123, 0.3508, 0.3476
Android (android.graphics.Color)	4287987829 (0xFF958075)
YUV	133.0250, -7.9003, 14.0101
Hunter-Lab	48.0752, 2.4706, 8.9114

# Details

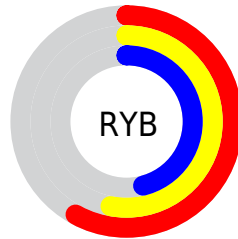
The Decimal color **9797749** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7703189**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **13350313**, and **6442821** is the 20% darker color. If you saturate the color by 10%, you get **9795174**, and if you desaturate by 10%, it is **9800324**.

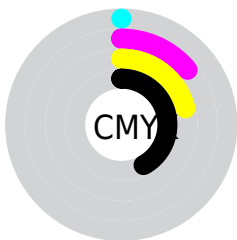
# Distribution



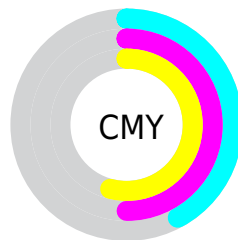
- Red (58%)
- Green (50%)
- Blue (46%)



- Red (58%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9797749 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 9797749 by changing the saturation by 10% instead.



■ 9797749

■ 9797749

16777215

■ 8087388

■ 13350313

■ 6442821

■ 15257796

■ 4864047

■ 16772576

■ 3351322

16777213

■ 2034944

■ 0

■ 9797749

■ 9797749

■ 9795174

■ 9800324

■ 9792599

■ 9802899

■ 9790280

■ 9805218

■ 9787705

■ 9807793

■ 9785130

■ 9810368

■ 9782556

■ 9812942

■ 9780237

■ 9815261

■ 9777920

■ 9817836

■ 9820411

# Harmonies

## Analogous

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



9993852



9797749



9274226

# Triad

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



9797749



7375490



8684181

# Complementary

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



9797749



7703189

# 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.



7898519



9797749



7113356

# Square

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



9797749



7899257



7309459



9404303

# Rectangle

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



9797749



8881522



7309459



8422294



# Sweetspot

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



9797749



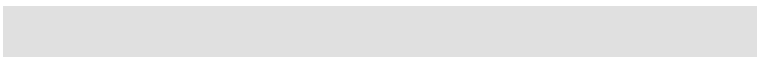
12761782



9794954



6380634



14737632



6381921



# Same Dimension

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



9797749



12755343



9801845



4867395



9056000



656384



# Inverse Universe

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



7703189



9416898



7699093



4409162



23178



1802



# Previews

## White Background



This preview shows how the Decimal color 9797749 looks on a white background.

## Color Contrast Check

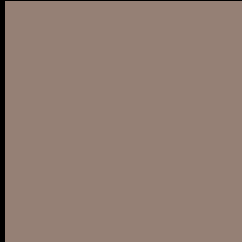
Large Text (above 18pt) WCAG AA ✓ Pass

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 9797749 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 9797749 Background



This preview shows how black text looks on a background with the Decimal color 9797749.



This preview shows how white text looks on a background with the Decimal color 9797749.

# 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**

9797749

**Protanopia**

9077879

**Deuteranopia**

9928565



**Tritanopia**  
9928071

# Trichromacy



**Original Color**  
9797749

**Protanomaly**  
9339766

**Deuteranomaly**  
9863029

**Tritanomaly**  
9862784

# Monochromacy



**Original Color**  
9797749

**Achromatopsia**  
8750469

**Achromatomaly**  
9143167

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9797749 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 #958075 looks like.

```
.text, #text, p{  
    color:#958075  
}
```

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 #958075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958075  
}
```

## Border

The CSS property to change the border of an element to Decimal 9797749 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  
#958075 }
```

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

```
.border{ border-color:#958075 }
```

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

Here you see how a box with a 4 pixel #958075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958075; -webkit-box-shadow:4px 4px  
4px 4px #958075; box-shadow:4px 4px 4px  
4px #958075 }
```

# Background

The CSS property to change the background color of an element to Decimal 9797749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958075 }
```

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

```
.background{ background-color:#958075 }
```

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