

# Converting Colors

Decimal(10318189)

Have a look what the booklet for  
Decimal(10318189) contains.

<b>Decimal(10318189)</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(10318189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D716D
RGB	157, 113, 109
RGB Percent	62%, 44%, 43%
CMY	0.3843, 0.5569, 0.5725
CMYK	0.00, 0.28, 0.31, 0.38
HSL	5°, 20%, 52%
HSV	5°, 31%, 62%
XYZ	22.5701, 20.0825, 17.1547
YIQ	125.7000, 27.5080, 8.0840

# Conversions

## Conversions Part 2

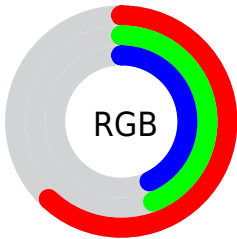
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 113, 109
Decimal	10318189
CIE <sub>Lab</sub>	51.93, 16.82, 9.10
CIE <sub>LCh</sub>	52, 19.125, 28.416
Yxy	20.0825, 0.3774, 0.3358
Android (android.graphics.Color)	4288508269 (0xFF9D716D)
YUV	125.7000, -8.2331, 27.4501
Hunter-Lab	44.8135, 11.4770, 8.6730

# Details

The Decimal color **10318189** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7182749**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **14001568**, and **6832446** is the 20% darker color. If you saturate the color by 10%, you get **10314589**, and if you desaturate by 10%, it is **10321789**.

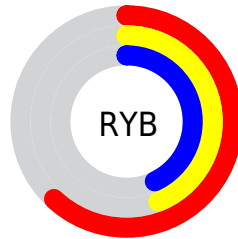
# Distribution



Red (62%)

Green (44%)

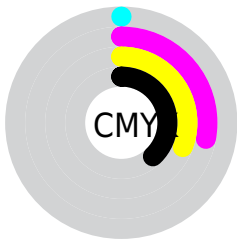
Blue (43%)



Red (62%)

Yellow (44%)

Blue (43%)

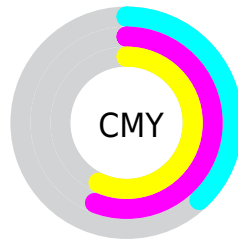


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (38%)



Cyan (38%)

Magenta (56%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10318189 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 10318189 by changing the saturation by 10% instead.





10318189



10318189

16777215



8542293



14001568



6832446



15843515



5188136



16768215



3609875



16775668



2293760



0



10318189



10318189



10314589



10321789



10310734



10325644

■ 10307134

■ 10329244

■ 10303278

■ 10333100

■ 10299678

■ 10336700

■ 10296079

■ 10340299

■ 10292480

■ 10344155

■ 10347755

■ 10351610

# Harmonies

## Analogous

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



10186877



10318189



9860449

# Triad

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



10318189



6652778



6782620

# Complementary

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



10318189



7182749

# 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.



5472919



10318189



5539194

# Square

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



10318189



7831647



5014923



8222873

# Rectangle

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



10318189



9337180



5014923



6258587



# Sweetspot

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



10318189



13417402



10317209



6708315



15132390



6710886



# Same Dimension

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



10318189



13404033



10324333



5195847



9374720



983296



# Inverse Universe

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



7182749



8505036



7176605



4673103



33679



3599



# Previews

## White Background



This preview shows how the Decimal color 10318189 looks on a white background.

## Color Contrast Check

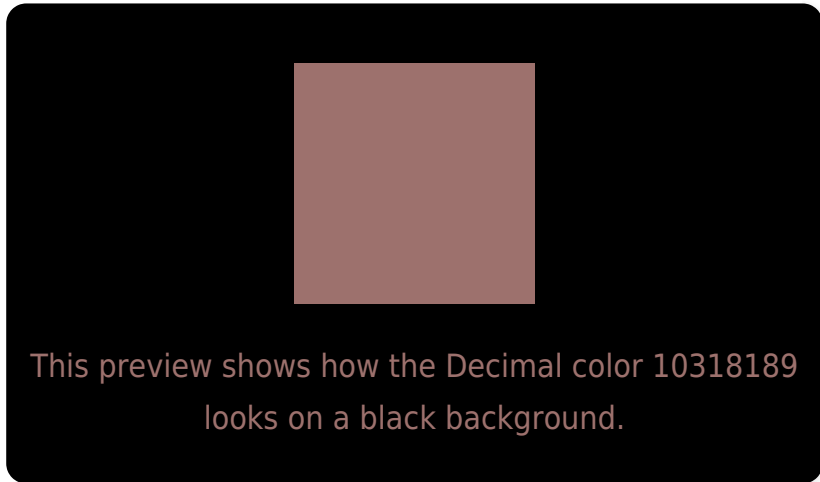
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

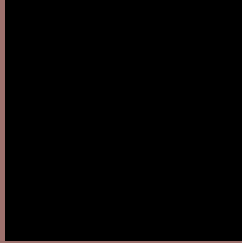
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10318189 Background



This preview shows how black text looks on a background with the Decimal color 10318189.

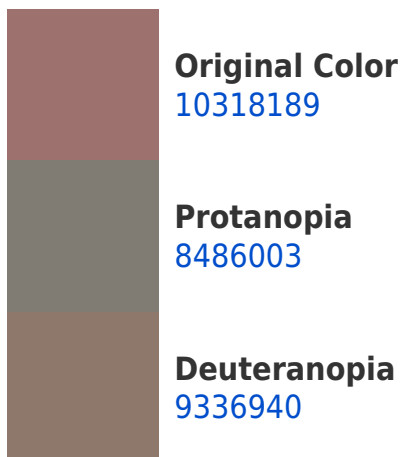



This preview shows how white text looks on a background with the Decimal color 10318189.

# 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





**Tritanopia**  
10383224

# Trichromacy



**Original Color**

10318189

**Protanomaly**

9140337

**Deuteranomaly**

9663852

**Tritanomaly**

10383476

# Monochromacy



**Original Color**

10318189

**Achromatopsia**

8289918

**Achromatomaly**

9009528

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10318189 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 #9D716D looks like.

```
.text, #text, p{  
    color:#9D716D  
}
```

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 #9D716D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D716D
}
```

## Border

The CSS property to change the border of an element to Decimal 10318189 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
#9D716D }
```

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

```
.border{ border-color:#9D716D }
```

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

Here you see how a box with a 4 pixel #9D716D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D716D; -webkit-box-shadow:4px 4px  
4px 4px #9D716D; box-shadow:4px 4px 4px  
4px #9D716D }
```

# Background

The CSS property to change the background color of an element to Decimal 10318189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D716D }
```

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

```
.background{ background-color:#9D716D }
```

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