

# Converting Colors

Decimal(10258812)

Have a look what the booklet for  
Decimal(10258812) contains.

<b>Decimal(10258812)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(10258812)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C897C
RGB	156, 137, 124
RGB Percent	61%, 54%, 49%
CMY	0.3882, 0.4627, 0.5137
CMYK	0.00, 0.12, 0.21, 0.39
HSL	24°, 14%, 55%
HSV	24°, 21%, 61%
XYZ	26.2941, 26.4145, 22.7814
YIQ	141.1990, 15.4970, -0.0150

# Conversions

## Conversions Part 2

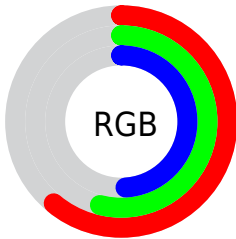
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 146, 124
Decimal	10258812
CIE <sub>Lab</sub>	58.43, 4.98, 9.59
CIE <sub>LCh</sub>	58, 10.809, 62.554
Yxy	26.4145, 0.3483, 0.3499
Android (android.graphics.Color)	4288448892 (0xFF9C897C)
YUV	141.1990, -8.4791, 12.9805
Hunter-Lab	51.3950, 1.3806, 9.6955

# Details

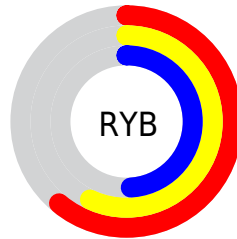
The Decimal color **10258812** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8163228**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **13876913**, and **6838091** is the 20% darker color. If you saturate the color by 10%, you get **10256492**, and if you desaturate by 10%, it is **10261132**.

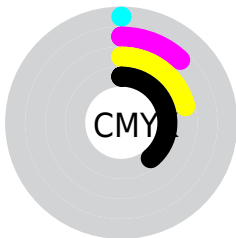
# Distribution



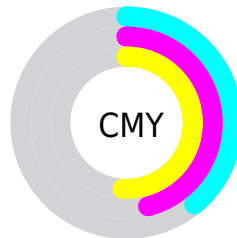
- Red (61%)
- Green (54%)
- Blue (49%)



- Red (61%)
- Yellow (57%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 10258812 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 10258812 by changing the saturation by 10% instead.




 10258812       10258812

16777215       8548451

 13876913       6838091

 15719116       5259317

 16775144       3746335

 2299400

 0

 10258812       10258812

 10256492       10261132

 10253917       10263707

■ 10251597

■ 10266027

■ 10249278

■ 10268346

■ 10246958

■ 10270666

■ 10244382

■ 10273242

■ 10242063

■ 10275561

■ 10239744

■ 10277881

■ 10280191

# Harmonies

## Analogous

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



10585987



10258812



9669754

# Triad

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



10258812



7836301



9407132

# Complementary

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



10258812



8163228

# 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.



8621471



10258812



7705238

# Square

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



10258812



8294787



7966877



10127253

# Rectangle

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



10258812



9211515



7966877



9145246



# Sweetspot

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



10258812



13419968



10255503



6709855



15132390



6710886



# Same Dimension

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



10258812



13414041



10262908



5196359



9386496



984576



# Inverse Universe

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



8163228



10074060



8159132



4672591



21903



2319



# Previews

## White Background



This preview shows how the Decimal color 10258812 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 10258812 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

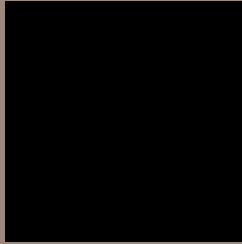
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10258812 Background



This preview shows how black text looks on a background with the Decimal color 10258812.



This preview shows how white text looks on a background with the Decimal color 10258812.

# 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**  
10258812

**Protanopia**  
9669758

**Deuteranopia**  
10520444



**Tritanopia**  
10454672

# Trichromacy



**Original Color**  
10258812

**Protanomaly**  
9866109

**Deuteranomaly**  
10455164

**Tritanomaly**  
10389385

# Monochromacy



**Original Color**  
10258812

**Achromatopsia**  
9276813

**Achromatomaly**  
9604231

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10258812 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 #9C897C looks like.

```
.text, #text, p{  
    color:#9C897C  
}
```

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 #9C897C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C897C
}
```

## Border

The CSS property to change the border of an element to Decimal 10258812 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
#9C897C }
```

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

```
.border{ border-color:#9C897C }
```

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

Here you see how a box with a 4 pixel #9C897C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C897C; -webkit-box-shadow:4px 4px  
4px 4px #9C897C; box-shadow:4px 4px 4px  
4px #9C897C }
```

# Background

The CSS property to change the background color of an element to Decimal 10258812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C897C }
```

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

```
.background{ background-color:#9C897C }
```

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