

# Converting Colors

Decimal(9866409)

Have a look what the booklet for  
Decimal(9866409) contains.

<b>Decimal(9866409)</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(9866409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	968CA9
RGB	150, 140, 169
RGB Percent	59%, 55%, 66%
CMY	0.4118, 0.4510, 0.3373
CMYK	0.11, 0.17, 0.00, 0.34
HSL	261°, 14%, 61%
HSV	261°, 17%, 66%
XYZ	29.1172, 28.1048, 41.4262
YIQ	146.2960, -3.3490, 11.1390

# Conversions

## Conversions Part 2

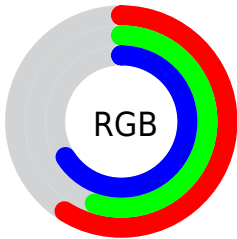
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 140, 169
Decimal	9866409
CIE Lab	59.98, 9.55, -13.92
CIE LCh	60, 16.876, 304.447
Yxy	28.1048, 0.2952, 0.2849
Android (android.graphics.Color)	4288056489 (0xFF968CA9)
YUV	146.2960, 11.1931, 3.2484
Hunter-Lab	53.0139, 5.2644, -9.2207

# Details

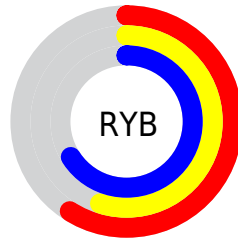
The Decimal color **9866409** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **10463628**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **13419232**, and **6511221** is the 20% darker color. If you saturate the color by 10%, you get **9141161**, and if you desaturate by 10%, it is **10591657**.

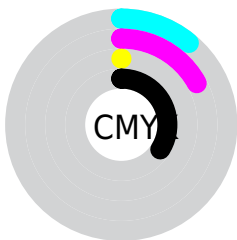
# Distribution



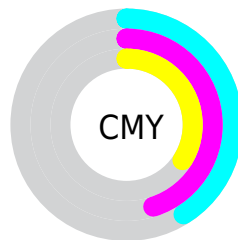
- Red (59%)
- Green (55%)
- Blue (66%)



- Red (59%)
- Yellow (55%)
- Blue (66%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (41%)
- Magenta (45%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9866409 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 9866409 by changing the saturation by 10% instead.





9866409



9866409

16777215



8156047



13419232



6511221



15326717



4932444



16775935



3419205



1972270



589850



0



9866409



9866409



9141161



10591657

8415913

11316905

7690665

12042153

6965417

12767401

6240425

13492393

5515177

14217641

4724393

15007657

3999145

15728553

3801257

16449449

# Harmonies

## Analogous

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



8556974



9866409



10913950

# Triad

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



9866409



10980214



7117202

# Complementary

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



9866409



10463628

# 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.



7968899



9866409



10129523

# Square

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



9866409



11503488



9016696



6854817

# Rectangle

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



9866409



11372180



9016696



7313805



# Sweetspot

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



9866409



13947099



9215913



6907758



15592941



7237230



# Same Dimension

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



9866409



12430811



10783913



5196884



3342484



458772



# Inverse Universe

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



11111583



14396875



9546124



5524561



9699425

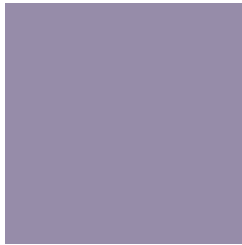


1310733



# Previews

## White Background



This preview shows how the Decimal color 9866409 looks on a white background.

## Color Contrast Check

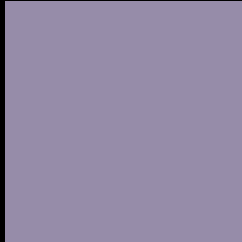
Large Text (above 18pt) WCAG AA ✓ Pass

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 9866409 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

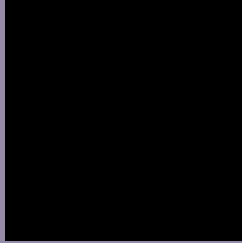
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9866409 Background



This preview shows how black text looks on a background with the Decimal color 9866409.



This preview shows how white text looks on a background with the Decimal color 9866409.

# 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**  
9866409

**Protanopia**  
9146283

**Deuteranopia**  
9670057



**Tritanopia**  
9736090

# Trichromacy



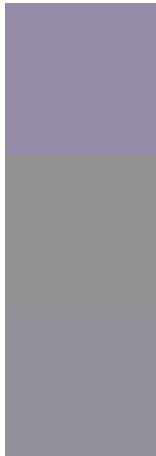
**Original Color**  
9866409

**Protanomaly**  
9408170

**Deuteranomaly**  
9735593

**Tritanomaly**  
9801375

# Monochromacy



**Original Color**  
9866409

**Achromatopsia**  
9605778

**Achromatomaly**  
9670810

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9866409 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 #968CA9 looks like.

```
.text, #text, p{  
    color:#968CA9  
}
```

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 #968CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968CA9
}
```

## Border

The CSS property to change the border of an element to Decimal 9866409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

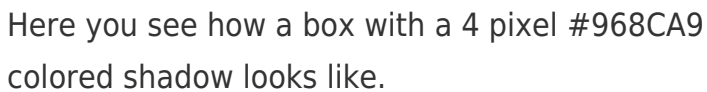
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#968CA9 }
```

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

```
.border{ border-color:#968CA9 }
```

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



Here you see how a box with a 4 pixel #968CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968CA9; -webkit-box-shadow:4px 4px  
4px 4px #968CA9; box-shadow:4px 4px 4px  
4px #968CA9 }
```

# Background

The CSS property to change the background color of an element to Decimal 9866409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968CA9 }
```

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

```
.background{ background-color:#968CA9 }
```

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