

# Converting Colors

Decimal(9861013)

Have a look what the booklet for  
Decimal(9861013) contains.

<b>Decimal(9861013)</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(9861013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	967795
RGB	150, 119, 149
RGB Percent	59%, 47%, 58%
CMY	0.4118, 0.5333, 0.4157
CMYK	0.00, 0.21, 0.01, 0.41
HSL	302°, 13%, 53%
HSV	302°, 21%, 59%
XYZ	24.5993, 21.8476, 31.3543
YIQ	131.6890, 8.8460, 15.9020

# Conversions

## Conversions Part 2

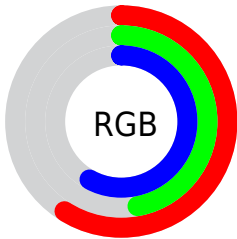
Format	Color
<a href="#">RYB</a>	<a href="#">150, 119, 149</a>
Decimal	<a href="#">9861013</a>
CIELab	<a href="#">53.86, 17.50, -11.61</a>
CIELCh	<a href="#">54, 21.001, 326.423</a>
Yxy	<a href="#">21.8476, 0.3162, 0.2808</a>
Android (android.graphics.Color)	<a href="#">4288051093</a> ( <a href="#">0xFF967795</a> )
YUV	<a href="#">131.6890, 8.5343, 16.0587</a>
Hunter-Lab	<a href="#">46.7414, 12.1444, -7.0529</a>

# Details

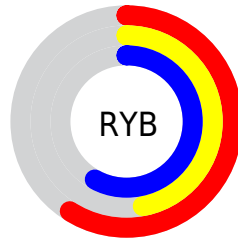
The Decimal color **9861013** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7837304**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **13413323**, and **6506082** is the 20% darker color. If you saturate the color by 10%, you get **9857173**, and if you desaturate by 10%, it is **9864853**.

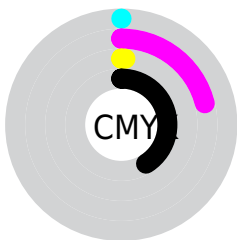
# Distribution



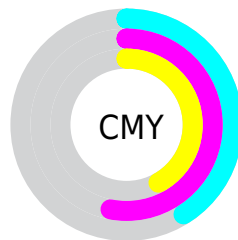
- Red (59%)
- Green (47%)
- Blue (58%)



- Red (59%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (53%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9861013 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 9861013 by changing the saturation by 10% instead.



■ 9861013

■ 9861013

16777215

■ 8150651

■ 13413323

■ 6506082

■ 15321063

■ 4927562

■ 16770047

■ 3414580

■ 2032159

■ 3

■ 0

■ 9861013

■ 9861013

■ 9857173

■ 9864853

 9853332

 9868694

 9849492

 9872534

 9845651

 9876375

 9841811

 9880215

 9837970

 9884056

 9834130

 9887896

 9830545

 9891737

 9895577

# Harmonies

## Analogous

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



8486305



9861013



10712196

# Triad

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



9861013



9469789



4950928

# Complementary

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



9861013



7837304

# 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.



5606270



9861013



8226144

# Square

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



9861013



10385763



6850924



5408926

# Rectangle

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



9861013



10908791



6850924



5081994



# Sweetspot

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



9861013



12760769



7894934



6380129



14737632



6381921



# Same Dimension

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



9861013



12751296



9860998



4866890



9044101



655370



# Inverse Universe

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



9861013



12751296



7837319



4866890



9044101

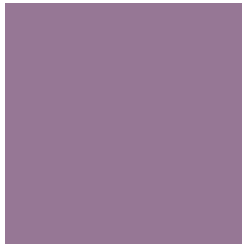


655370



# Previews

## White Background



This preview shows how the Decimal color 9861013 looks on a white background.

## Color Contrast Check

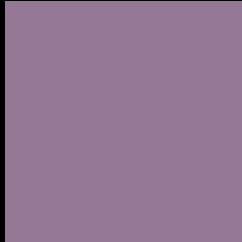
Large Text (above 18pt) WCAG AA ✓ Pass

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 9861013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

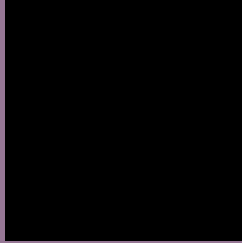
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9861013 Background



This preview shows how black text looks on a background with the Decimal color 9861013.



This preview shows how white text looks on a background with the Decimal color 9861013.

# 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**  
9861013

**Protanopia**  
8093851

**Deuteranopia**  
8748692



**Tritanopia**  
9730692

# Trichromacy



**Original Color**  
9861013

**Protanomaly**  
8748441

**Deuteranomaly**  
9141140

**Tritanomaly**  
9795978

# Monochromacy



**Original Color**  
9861013

**Achromatopsia**  
8684676

**Achromatomaly**  
9142154

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9861013 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 #967795 looks like.

```
.text, #text, p{  
    color:#967795  
}
```

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 #967795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967795
}
```

## Border

The CSS property to change the border of an element to Decimal 9861013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

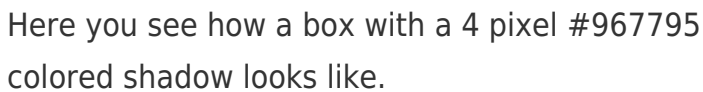
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#967795 }
```

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

```
.border{ border-color:#967795 }
```

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



Here you see how a box with a 4 pixel #967795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967795; -webkit-box-shadow:4px 4px  
4px 4px #967795; box-shadow:4px 4px 4px  
4px #967795 }
```

# Background

The CSS property to change the background color of an element to Decimal 9861013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967795 }
```

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

```
.background{ background-color:#967795 }
```

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