

# Converting Colors

Decimal(9666951)

Have a look what the booklet for  
Decimal(9666951) contains.

<b>Decimal(9666951)</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(9666951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938187
RGB	147, 129, 135
RGB Percent	58%, 51%, 53%
CMY	0.4235, 0.4941, 0.4706
CMYK	0.00, 0.12, 0.08, 0.42
HSL	340°, 8%, 54%
HSV	340°, 12%, 58%
XYZ	24.2561, 23.6528, 26.2087
YIQ	135.0660, 8.8020, 5.6820

# Conversions

## Conversions Part 2

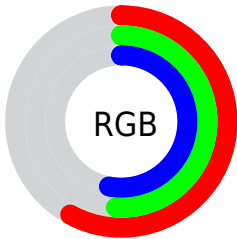
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 129, 135
Decimal	9666951
CIE Lab	55.74, 7.93, -0.72
CIE LCh	56, 7.965, 354.786
Yxy	23.6528, 0.3273, 0.3191
Android (android.graphics.Color)	4287857031 (0xFF938187)
YUV	135.0660, -0.0325, 10.4661
Hunter-Lab	48.6342, 3.9162, 2.0929

# Details

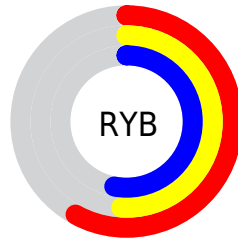
The Decimal color **9666951** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8491917**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **13219516**, and **6312021** is the 20% darker color. If you saturate the color by 10%, you get **9663101**, and if you desaturate by 10%, it is **9670801**.

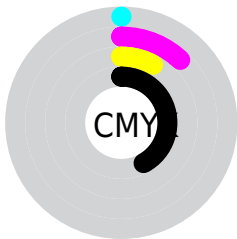
# Distribution



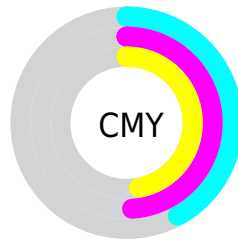
- Red (58%)
- Green (51%)
- Blue (53%)



- Red (58%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9666951 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 9666951 by changing the saturation by 10% instead.



 9666951

 9666951

16777215

 7956590

 13219516

 6312021

 15061464

 4733246

 16772852

 3285800

 1904148

 0

 9666951

 9666951

 9663101

 9670801

 9659507

 9674395

9655658

9678244

9651808

9682094

9648214

9685944

9644364

9689538

9640514

9693388

9636665

9697237

9633841

9699295

# Harmonies

## Analogous

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



9339534



9666951



9798016

# Triad

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



9666951



8750969



7833745

# Complementary

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



9666951



8491917

# 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.



7637643



9666951



8227197

# Square

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



9666951



9274744



7834244



8226451

# Rectangle

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



9666951



9667196



7834244



7702927



# Sweetspot

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



9666951



12564666



9273747



6380638



14737632



6381921



# Same Dimension

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



9666951



12559276



9667713



4866885



9044014



655363



# Inverse Universe

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



9666951



12559276



8491155



4866885



9044014



655363



# Previews

## White Background



This preview shows how the Decimal color 9666951 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 9666951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

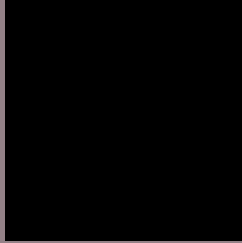
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9666951 Background



This preview shows how black text looks on a background with the Decimal color 9666951.



This preview shows how white text looks on a background with the Decimal color 9666951.

# 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**


9666951

**Protanopia**

8881545

**Deuteranopia**

9601415



**Tritanopia**  
9666698

# Trichromacy



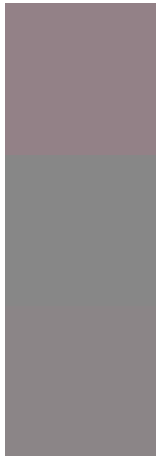
**Original Color**  
9666951

**Protanomaly**  
9143432

**Deuteranomaly**  
9601415

**Tritanomaly**  
9666697

# Monochromacy



**Original Color**  
9666951

**Achromatopsia**  
8882055

**Achromatomaly**  
9143687

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9666951 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 #938187 looks like.

```
.text, #text, p{  
  color:#938187  
}
```

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 #938187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938187
}
```

## Border

The CSS property to change the border of an element to Decimal 9666951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

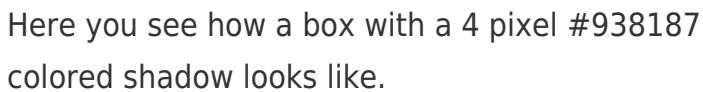
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938187 }
```

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

```
.border{ border-color:#938187 }
```

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



Here you see how a box with a 4 pixel #938187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938187; -webkit-box-shadow:4px 4px  
4px 4px #938187; box-shadow:4px 4px 4px  
4px #938187 }
```

# Background

The CSS property to change the background color of an element to Decimal 9666951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938187 }
```

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

```
.background{ background-color:#938187 }
```

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