

# Converting Colors

Decimal(10339957)

Have a look what the booklet for  
Decimal(10339957) contains.

|  |    |
|--|----|
| <b>Decimal(10339957)</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(10339957)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9DC675                     |
| RGB         | 157, 198, 117              |
| RGB Percent | 62%, 78%, 46%              |
| CMY         | 0.3843, 0.2235, 0.5412     |
| CMYK        | 0.21, 0.00, 0.41, 0.22     |
| HSL         | 90°, 42%, 62%              |
| HSV         | 90°, 41%, 78%              |
| XYZ         | 37.3096, 48.8406, 24.2904  |
| YIQ         | 176.5070, 1.5650, -33.8830 |

# Conversions

## Conversions Part 2

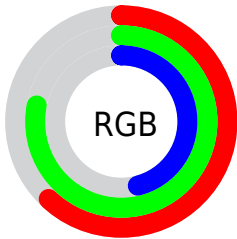
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">117, 198, 158</a>                    |
| Decimal                             | <a href="#">10339957</a>                         |
| CIELab                              | <a href="#">75.35, -27.66, 36.21</a>             |
| CIELCh                              | <a href="#">75, 45.563, 127.380</a>              |
| Yxy                                 | <a href="#">48.8406, 0.3378,<br/>0.4422</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4288530037<br/>(0xFF9DC675)</a>      |
| YUV                                 | <a href="#">176.5070, -29.3370,<br/>-17.1076</a> |
| Hunter-Lab                          | <a href="#">69.8861, -27.0060,<br/>28.3128</a>   |

# Details

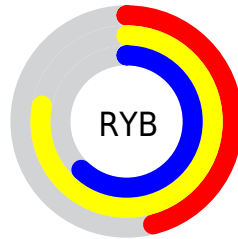
The Decimal color **10339957** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **10384838**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **14024618**, and **6852675** is the 20% darker color. If you saturate the color by 10%, you get **9684577**, and if you desaturate by 10%, it is **10995337**.

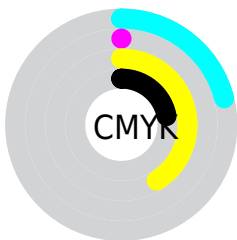
# Distribution



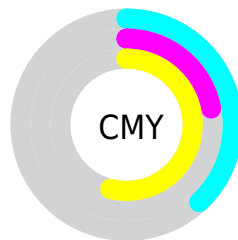
- Red (62%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (62%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10339957 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 10339957 by changing the saturation by 10% instead.





10339957



10339957

16777215



8563548



14024618



6852675



15925190



5142059



16777186



3497234



1852672



77568



6912



0



10339957



10339957

■ 9684577

■ 10995337

■ 9029197

■ 11650717

■ 8373818

■ 12306096

■ 7718438

■ 12961476

■ 7063058

■ 13616856

■ 6473216

■ 14272236

■ 14927615

■ 15582975

■ 16238335

# Harmonies

## Analogous

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



13286245



10339957



6802840

# Triad

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



10339957



2738175



16750769

# Complementary

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



10339957



10384838

# 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.



16162267



10339957



9157375

# Square

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



10339957



52971



13347836



16752265

# Rectangle

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



10339957



3526580



13347836



16750783



# Sweetspot

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



10339957



15794144



13016693



7766126



0



8421504

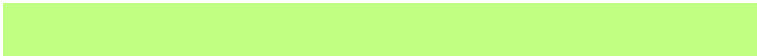


# Same Dimension

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



10339957



12648322



7718517



6185818



5350144



1188864



# Inverse Universe

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



10384838



12681983



13006278



6249059



5439651



1179684



# Previews

## White Background



This preview shows how the Decimal color 10339957 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10339957 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 ✓ Pass

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



## Decimal 10339957 Background



This preview shows how black text looks on a background with the Decimal color 10339957.



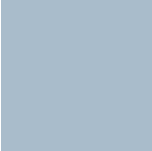
This preview shows how white text looks on a background with the Decimal color 10339957.

# 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**  
11123915

# Trichromacy



**Original Color**  
10339957

**Protanomaly**  
12238450

**Deuteranomaly**  
13023608

**Tritanomaly**  
10862764

# Monochromacy



**Original Color**  
10339957

**Achromatopsia**  
11645361

**Achromatomaly**  
11188635

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10339957 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 #9DC675 looks like.

```
.text, #text, p{  
    color:#9DC675  
}
```

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 #9DC675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC675
}
```

## Border

The CSS property to change the border of an element to Decimal 10339957 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
#9DC675 }
```

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

```
.border{ border-color:#9DC675 }
```

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

Here you see how a box with a 4 pixel #9DC675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC675; -webkit-box-shadow:4px 4px  
4px 4px #9DC675; box-shadow:4px 4px 4px  
4px #9DC675 }
```

# Background

The CSS property to change the background color of an element to Decimal 10339957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC675 }
```

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

```
.background{ background-color:#9DC675 }
```

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