

# Converting Colors

Decimal(10251340)

Have a look what the booklet for  
Decimal(10251340) contains.

<b>Decimal(10251340)</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(10251340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6C4C
RGB	156, 108, 76
RGB Percent	61%, 42%, 30%
CMY	0.3882, 0.5765, 0.7020
CMYK	0.00, 0.31, 0.51, 0.39
HSL	24°, 34%, 45%
HSV	24°, 51%, 61%
XYZ	20.3774, 18.3148, 9.2986
YIQ	118.7040, 38.8800, 0.2240

# Conversions

## Conversions Part 2

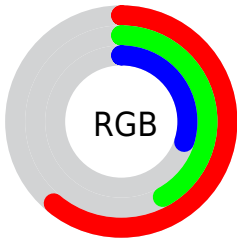
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 129, 76
Decimal	10251340
CIELab	49.88, 15.31, 25.50
CIElCh	50, 29.745, 59.030
Yxy	18.3148, 0.4246, 0.3816
Android (android.graphics.Color)	4288441420 (0xFF9C6C4C)
YUV	118.7040, -21.0531, 32.7086
Hunter-Lab	42.7958, 10.1006, 17.0747

# Details

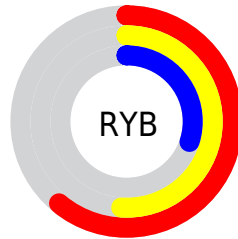
The Decimal color **10251340** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5012636**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **14000253**, and **6700063** is the 20% darker color. If you saturate the color by 10%, you get **10249020**, and if you desaturate by 10%, it is **10253660**.

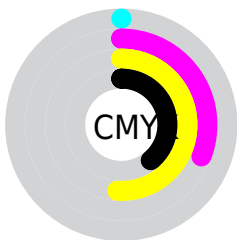
# Distribution



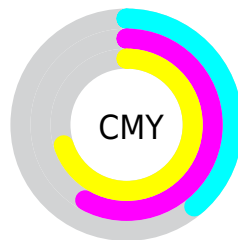
- Red (61%)
- Green (42%)
- Blue (30%)



- Red (61%)
- Yellow (51%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (39%)



- Cyan (39%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10251340 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 10251340 by changing the saturation by 10% instead.





10251340



10251340

16777215



8475701



14000253



6700063



15907735



4990472



16766642



3346688



16774094



1835009



16777194



0



10251340



10251340



10249020



10253660



10246445



10256235

■ 10244125

■ 10258555

■ 10241806

■ 10260874

■ 10239488

■ 10263450

■ 10265770

■ 10268345

■ 10270665

■ 10272984

# Harmonies

## Analogous

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



10970463



10251340



8942916

# Triad

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



10251340



2917493



7893155

# Complementary

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



10251340



5012636

# 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.



5274025



10251340



33934

# Square

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



10251340



5276252



2064545



9857169

# Rectangle

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



10251340



7830086



2064545



7107750



# Sweetspot

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



10251340



13417133



10243196



6708052



15132390



6710886



# Same Dimension

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



10251340



13402190



10261324



5196359



9386240



984576



# Inverse Universe

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



5012636



5151180



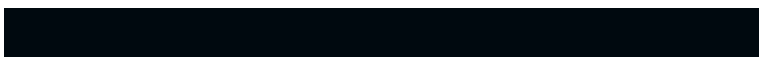
5002396



4672591



22159



2319



# Previews

## White Background



This preview shows how the Decimal color 10251340 looks on a white background.

## Color Contrast Check

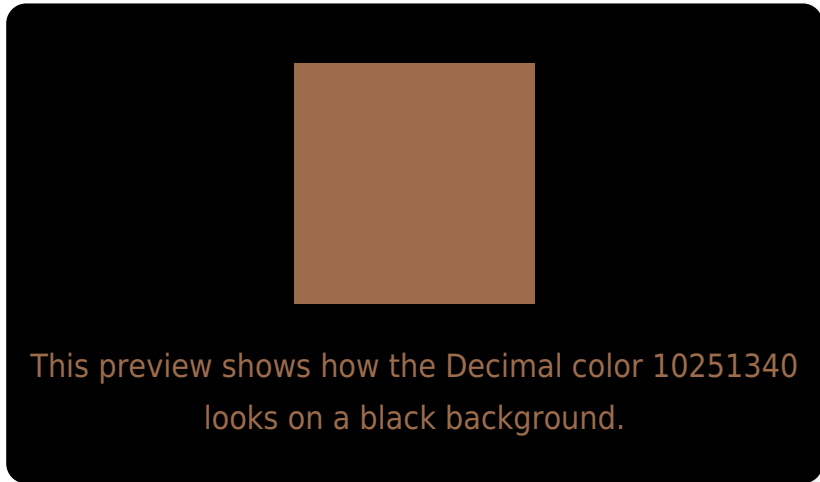
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 10251340 Background



This preview shows how black text looks on a background with the Decimal color 10251340.



This preview shows how white text looks on a background with the Decimal color 10251340.

# 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**  
10251340

**Protanopia**  
8484688

**Deuteranopia**  
9466443



**Tritanopia**  
10446703

# Trichromacy



**Original Color**  
10251340

**Protanomaly**  
9139023

**Deuteranomaly**  
9728075

**Tritanomaly**  
10381666

# Monochromacy



**Original Color**  
10251340

**Achromatopsia**  
7829367

**Achromatomaly**  
8680295

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10251340 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 #9C6C4C looks like.

```
.text, #text, p{  
    color:#9C6C4C  
}
```

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 #9C6C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6C4C
}
```

## Border

The CSS property to change the border of an element to Decimal 10251340 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
#9C6C4C }
```

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

```
.border{ border-color:#9C6C4C }
```

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

Here you see how a box with a 4 pixel #9C6C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6C4C; -webkit-box-shadow:4px 4px  
4px 4px #9C6C4C; box-shadow:4px 4px 4px  
4px #9C6C4C }
```

# Background

The CSS property to change the background color of an element to Decimal 10251340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6C4C }
```

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

```
.background{ background-color:#9C6C4C }
```

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