

# Converting Colors

Decimal(10451301)

Have a look what the booklet for  
Decimal(10451301) contains.

<b>Decimal(10451301)</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(10451301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F7965
RGB	159, 121, 101
RGB Percent	62%, 47%, 40%
CMY	0.3765, 0.5255, 0.6039
CMYK	0.00, 0.24, 0.36, 0.38
HSL	21°, 23%, 51%
HSV	21°, 36%, 62%
XYZ	23.4844, 21.9853, 15.3177
YIQ	130.0820, 29.0680, 1.8360

# Conversions

## Conversions Part 2

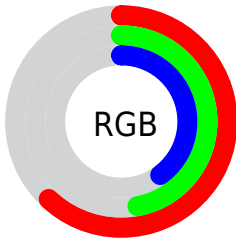
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 132, 101
Decimal	10451301
CIE <sub>Lab</sub>	54.01, 11.98, 16.69
CIE <sub>LCh</sub>	54, 20.544, 54.339
Yxy	21.9853, 0.3863, 0.3617
Android (android.graphics.Color)	4288641381 (0xFF9F7965)
YUV	130.0820, -14.3374, 25.3611
Hunter-Lab	46.8884, 7.3482, 13.4528

# Details

The Decimal color **10451301** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6654879**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **14134680**, and **6965302** is the 20% darker color. If you saturate the color by 10%, you get **10448725**, and if you desaturate by 10%, it is **10453877**.

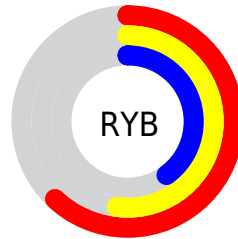
# Distribution



Red (62%)

Green (47%)

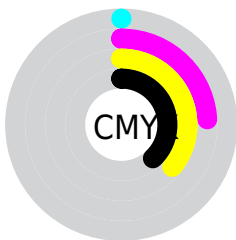
Blue (40%)



Red (62%)

Yellow (52%)

Blue (40%)

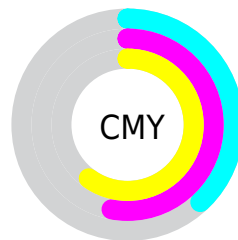


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10451301 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 10451301 by changing the saturation by 10% instead.



 10451301	 10451301
 16777215	 8675405
 14134680	 6965302
 16042419	 5321249
 16770510	 3742730
 16777195	 2229504
	 0

 10451301	 10451301
 10448725	 10453877
 10445893	 10456709

■ 10443317

■ 10459285

■ 10440485

■ 10462117

■ 10437909

■ 10464693

■ 10435078

■ 10467524

■ 10434304

■ 10470100

■ 10472676

■ 10475508

# Harmonies

## Analogous

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



10843507



10451301



9535326

# Triad

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



10451301



5802877



8355489

# Complementary

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



10451301



6654879

# 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.



6784164



10451301



5081999

# Square

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



10451301



7047532



5474461



9795734

# Rectangle

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



10451301



8749919



5474461



7831715



# Sweetspot

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



10451301



13615288



10446220



6905947



15263976



6908265



# Same Dimension

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



10451301



13603700



10458469



5196359



9384192



984320



# Inverse Universe

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



6654879



7647183



6647711



4672591



24207



2575



# Previews

## White Background



This preview shows how the Decimal color 10451301 looks on a white background.

## Color Contrast Check

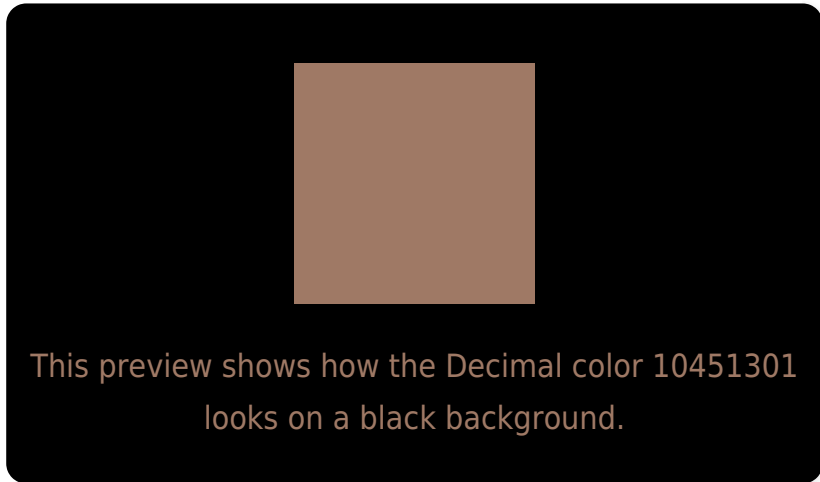
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

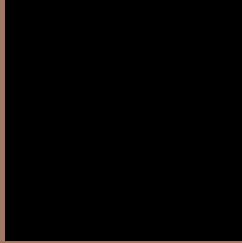
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10451301 Background



This preview shows how black text looks on a background with the Decimal color 10451301.



This preview shows how white text looks on a background with the Decimal color 10451301.

# 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**  
10451301

**Protanopia**  
9011561

**Deuteranopia**  
9993316



**Tritanopia**  
10646910

# Trichromacy



**Original Color**  
10451301

**Protanomaly**  
9535080

**Deuteranomaly**  
10189668

**Tritanomaly**  
10581621

# Monochromacy



**Original Color**  
10451301

**Achromatopsia**  
8553090

**Achromatomaly**  
9273207

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10451301 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 #9F7965 looks like.

```
.text, #text, p{  
    color:#9F7965  
}
```

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 #9F7965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7965
}
```

## Border

The CSS property to change the border of an element to Decimal 10451301 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
#9F7965 }
```

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

```
.border{ border-color:#9F7965 }
```

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

Here you see how a box with a 4 pixel #9F7965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7965; -webkit-box-shadow:4px 4px  
4px 4px #9F7965; box-shadow:4px 4px 4px  
4px #9F7965 }
```

# Background

The CSS property to change the background color of an element to Decimal 10451301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7965 }
```

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

```
.background{ background-color:#9F7965 }
```

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