

# Converting Colors

Decimal(10374400)

Have a look what the booklet for  
Decimal(10374400) contains.

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**Color**

**Decimal(10374400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E4D00
RGB	158, 77, 0
RGB Percent	62%, 30%, 0%
CMY	0.3804, 0.6980, 1.0000
CMYK	0.00, 0.51, 1.00, 0.38
HSL	29°, 100%, 31%
HSV	29°, 100%, 62%
XYZ	16.7544, 12.5769, 1.5445
YIQ	92.4410, 72.9930, -6.7750

# Conversions

## Conversions Part 2

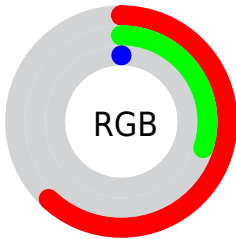
Format	Color
<b>RYB</b>	158, 150, 0
Decimal	10374400
CIELab	42.12, 29.84, 51.79
CIElCh	42, 59.771, 60.052
Yxy	12.5769, 0.5426, 0.4073
Android (android.graphics.Color)	4288564480 (0xFF9E4D00)
YUV	92.4410, -45.5734, 57.4952
Hunter-Lab	35.4639, 22.2682, 22.2425

# Details

The Decimal color **10374400** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **20894**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **14384953**, and **6495744** is the 20% darker color. If you saturate the color by 10%, you get **10374400**, and if you desaturate by 10%, it is **10376464**.

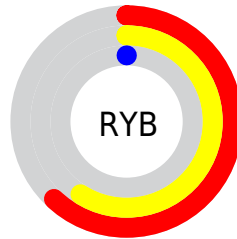
# Distribution



Red (62%)

Green (30%)

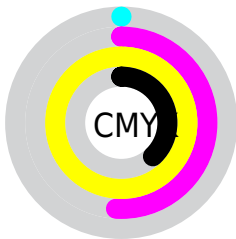
Blue (0%)



Red (62%)

Yellow (59%)

Blue (0%)

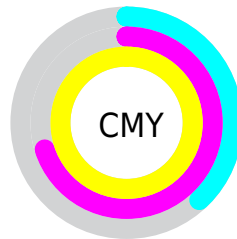


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10374400 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 10374400 by changing the saturation by 10% instead.



 10374400

 10374400

 16777205

 8467712

 14384953

 6495744

 16423506

 4654080

 16758124

 3014656

 16765318

 0

 16772513

 16777148

 16777176

 10374400

 10376464

 10378528

 10380591

 10382655

 10384975

 10387039

 10389103

 10391166

 10393230

# Harmonies

## Analogous

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



11875381



10374400



7889152

# Triad

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



10374400



31074



6182586

# Complementary

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



10374400



20894

# 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.



27335



10374400



31124

# Square

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



10374400



30254



30137



10304661

# Rectangle

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



10374400



5860096



30137



3628737



# Sweetspot

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



10374400



13610897



10354770



6903107



15263976



6908265



# Same Dimension

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



10374400



13591808



10394368



5196615



9389568



984832



# Inverse Universe

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



20894



27343



926



4672335



18831

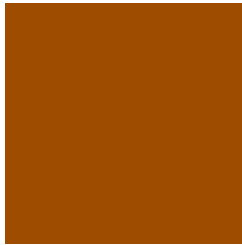


2063



# Previews

## White Background



This preview shows how the Decimal color 10374400 looks on a white background.

## Color Contrast Check

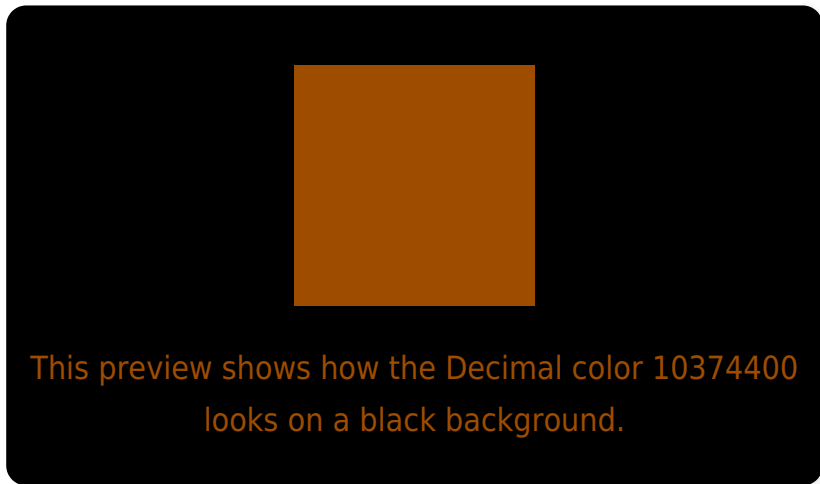
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10374400 Background



This preview shows how black text looks on a background with the Decimal color 10374400.



This preview shows how white text looks on a background with the Decimal color 10374400.

# 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**  
10374400

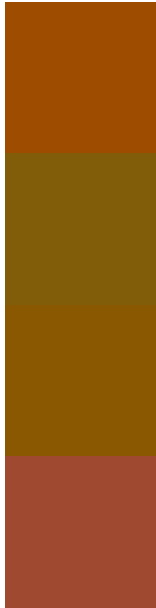
**Protanopia**  
7431182

**Deuteranopia**  
8347392



**Tritanopia**  
10504268

# Trichromacy



**Original Color**  
10374400

**Protanomaly**  
8477705

**Deuteranomaly**  
9066496

**Tritanomaly**  
10439216

# Monochromacy



**Original Color**  
10374400

**Achromatopsia**  
6052956

**Achromatomaly**  
7624507

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10374400 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 #9E4D00 looks like.

```
.text, #text, p{  
  color:#9E4D00  
}
```

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 #9E4D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4D00
}
```

## Border

The CSS property to change the border of an element to Decimal 10374400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

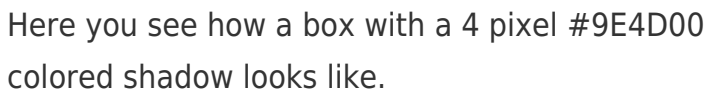
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E4D00 }
```

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

```
.border{ border-color:#9E4D00 }
```

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



Here you see how a box with a 4 pixel #9E4D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4D00; -webkit-box-shadow:4px 4px  
4px 4px #9E4D00; box-shadow:4px 4px 4px  
4px #9E4D00 }
```

# Background

The CSS property to change the background color of an element to Decimal 10374400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4D00 }
```

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

```
.background{ background-color:#9E4D00 }
```

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](#).



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