

# Converting Colors

Decimal(12948241)

Have a look what the booklet for  
Decimal(12948241) contains.

<b>Decimal(12948241)</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(12948241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59311
RGB	197, 147, 17
RGB Percent	77%, 58%, 7%
CMY	0.2275, 0.4235, 0.9333
CMYK	0.00, 0.25, 0.91, 0.23
HSL	43°, 84%, 42%
HSV	43°, 91%, 77%
XYZ	33.5609, 32.7782, 5.0883
YIQ	147.1300, 71.5300, -29.8300

# Conversions

## Conversions Part 2

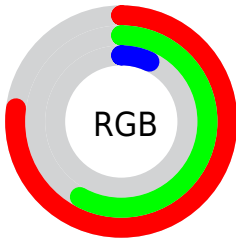
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 197, 17
Decimal	12948241
CIELab	63.98, 8.66, 65.86
CIElCh	64, 66.426, 82.512
Yxy	32.7782, 0.4699, 0.4589
Android (android.graphics.Color)	4291138321 (0xFFC59311)
YUV	147.1300, -64.1541, 43.7360
Hunter-Lab	57.2523, 4.4439, 34.8072

# Details

The Decimal color **12948241** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1131461**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16763216**, and **9068800** is the 20% darker color. If you saturate the color by 10%, you get **12946944**, and if you desaturate by 10%, it is **12949541**.

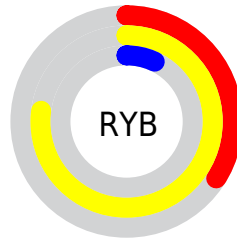
# Distribution



Red (77%)

Green (58%)

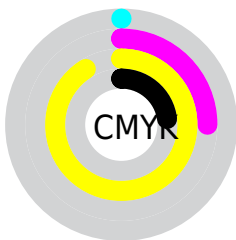
Blue (7%)



Red (34%)

Yellow (77%)

Blue (7%)

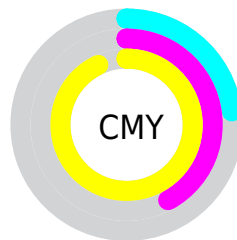


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (23%)



Cyan (23%)

Magenta (42%)



















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12948241 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 12948241 by changing the saturation by 10% instead.



 12948241	 12948241
16777215	 10975488
 16763216	 9068800
 16770411	 7162112
 16777094	 5321472
 16777122	 3612160
 16777150	 2033408
 16777179	 0
 16777208	
 12948241	 12948241

■ 12946944

■ 12949541

■ 12951096

■ 12952396

■ 12953952

■ 12955252

■ 12956807

■ 12958107

■ 12959663

■ 12960962

# Harmonies

## Analogous

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



15694653



12948241



9282844

# Triad

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



12948241



47047



13924324

# Complementary

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



12948241



1131461

# 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.



8295167



12948241



45816

# Square

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



12948241



46730



42751



16671405

# Rectangle

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



12948241



6204732



42751



12419315



# Sweetspot

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



12948241



16772282



12915012



8418391



0



8421504



# Same Dimension

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



12948241



16758784



10405137



6512986



10712576



2365952



# Inverse Universe

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



1131461



18431



3674565



5921891



11683

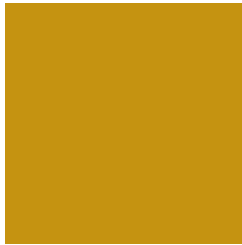


2596



# Previews

## White Background



This preview shows how the Decimal color 12948241 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 12948241 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 12948241 Background



This preview shows how black text looks on a background with the Decimal color 12948241.



This preview shows how white text looks on a background with the Decimal color 12948241.

# 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**  
12948241

**Protanopia**  
11508756

**Deuteranopia**  
12882705

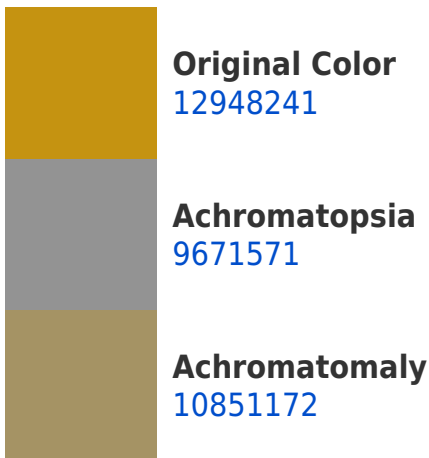


**Tritanopia**  
13404563

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12948241 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 #C59311 looks like.

```
.text, #text, p{  
  color:#C59311  
}
```

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 #C59311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59311
}
```

## Border

The CSS property to change the border of an element to Decimal 12948241 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
#C59311 }
```

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

```
.border{ border-color:#C59311 }
```

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

Here you see how a box with a 4 pixel #C59311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59311; -webkit-box-shadow:4px 4px  
4px 4px #C59311; box-shadow:4px 4px 4px  
4px #C59311 }
```

# Background

The CSS property to change the background color of an element to Decimal 12948241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59311 }
```

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

```
.background{ background-color:#C59311 }
```

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