

# Converting Colors

Decimal(12937750)

Have a look what the booklet for  
Decimal(12937750) contains.

<b>Decimal(12937750)</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(12937750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56A16
RGB	197, 106, 22
RGB Percent	77%, 42%, 9%
CMY	0.2275, 0.5843, 0.9137
CMYK	0.00, 0.46, 0.89, 0.23
HSL	29°, 80%, 43%
HSV	29°, 89%, 77%
XYZ	28.3248, 22.2363, 3.5582
YIQ	123.6330, 81.2000, -6.8320

# Conversions

## Conversions Part 2

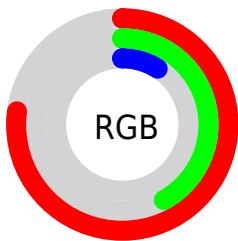
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 184, 22
Decimal	12937750
CIELab	54.28, 31.06, 57.22
CIElCh	54, 65.109, 61.511
Yxy	22.2363, 0.5234, 0.4109
Android (android.graphics.Color)	4291127830 (0xFFC56A16)
YUV	123.6330, -50.1051, 64.3429
Hunter-Lab	47.1554, 24.6976, 28.5349

# Details

The Decimal color **12937750** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1470917**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16752204**, and **8993024** is the 20% darker color. If you saturate the color by 10%, you get **12935170**, and if you desaturate by 10%, it is **12940330**.

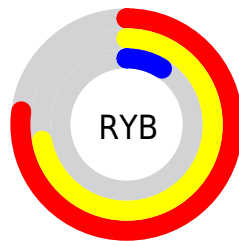
# Distribution



Red (77%)

Green (42%)

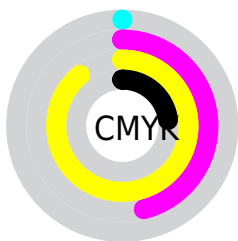
Blue (9%)



Red (77%)

Yellow (72%)

Blue (9%)

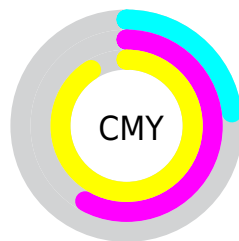


Cyan (0%)

Magenta (46%)

Yellow (89%)

Black (23%)



Cyan (23%)

Magenta (58%)




















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12937750 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 12937750 by changing the saturation by 10% instead.



 12937750	 12937750
 16777215	 10899712
 16752204	 8993024
 16759142	 7020800
 16766336	 5113856
 16773787	 3342336
 16777143	 1048576
 16777171	 0
 16777200	
 12937750	 12937750

■ 12935170

■ 12940330

■ 12934912

■ 12942909

■ 12945745

■ 12948325

■ 12950905

■ 12953484

■ 12956320

■ 12958900

■ 12961479

# Harmonies

## Analogous

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



14700874



12937750



10059776

# Triad

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



12937750



39811



8614370

# Complementary

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



12937750



1470917

# 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.



35059



12937750



39867

# Square

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



12937750



38985



38373



13063864

# Rectangle

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



12937750



7703296



38373



6191851



# Sweetspot

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



12937750



16767930



12916339



8415831



0



8421504



# Same Dimension

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



12937750



16742912



12959510



6512218



10702336



2363648



# Inverse Universe

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



1470917



34303



1449157



5922659



21923



4900



# Previews

## White Background



This preview shows how the Decimal color 12937750 looks on a white background.

## Color Contrast Check

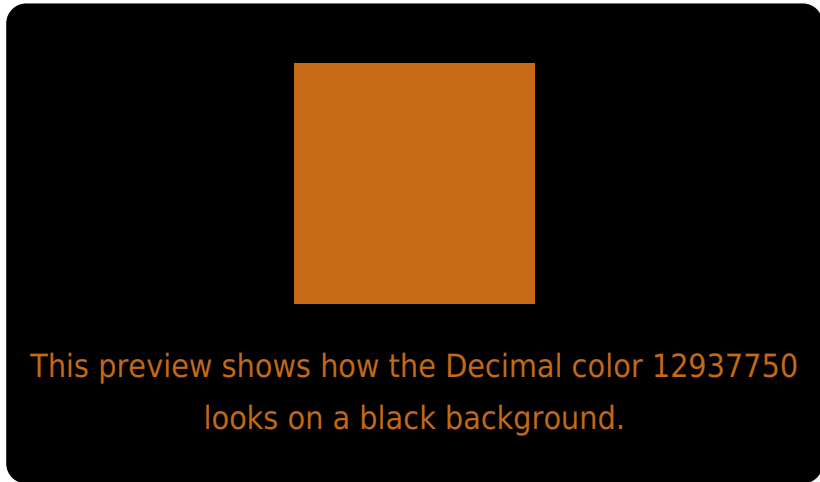
Large Text (above 18pt) WCAG AA ✓ Pass

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 12937750 Background



This preview shows how black text looks on a background with the Decimal color 12937750.



This preview shows how white text looks on a background with the Decimal color 12937750.

# 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**  
12937750

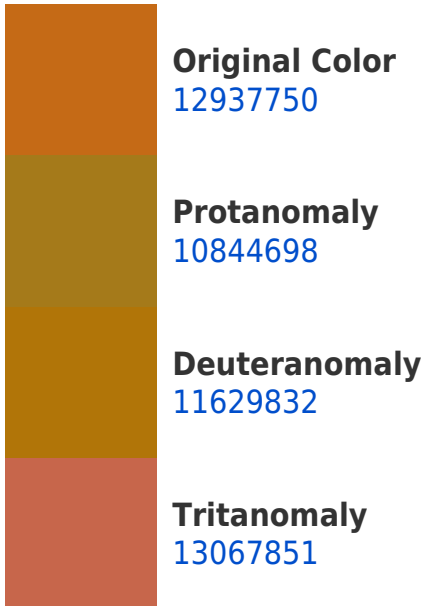
**Protanopia**  
9667357

**Deuteranopia**  
10845184



**Tritanopia**  
13132650

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12937750 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 #C56A16 looks like.

```
.text, #text, p{  
    color:#C56A16  
}
```

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 #C56A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56A16
}
```

## Border

The CSS property to change the border of an element to Decimal 12937750 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
#C56A16 }
```

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

```
.border{ border-color:#C56A16 }
```

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

Here you see how a box with a 4 pixel #C56A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56A16; -webkit-box-shadow:4px 4px  
4px 4px #C56A16; box-shadow:4px 4px 4px  
4px #C56A16 }
```

# Background

The CSS property to change the background color of an element to Decimal 12937750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56A16 }
```

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

```
.background{ background-color:#C56A16 }
```

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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