

# Converting Colors

Decimal(12874060)

Have a look what the booklet for  
Decimal(12874060) contains.

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# Color

**Decimal(12874060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4714C
RGB	196, 113, 76
RGB Percent	77%, 44%, 30%
CMY	0.2314, 0.5569, 0.7020
CMYK	0.00, 0.42, 0.61, 0.23
HSL	18°, 50%, 53%
HSV	18°, 61%, 77%
XYZ	29.9746, 24.0678, 9.9032
YIQ	133.5990, 61.3450, 6.0890

# Conversions

## Conversions Part 2

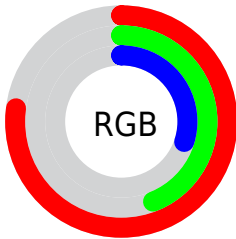
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 129, 76
Decimal	12874060
CIE <sub>Lab</sub>	56.16, 29.32, 34.46
CIE <sub>LCh</sub>	56, 45.248, 49.609
Yxy	24.0678, 0.4688, 0.3764
Android (android.graphics.Color)	4291064140 (0xFFC4714C)
YUV	133.5990, -28.3963, 54.7257
Hunter-Lab	49.0590, 23.2087, 22.3728

# Details

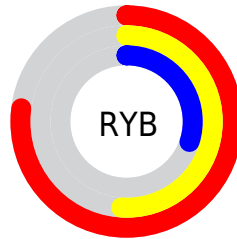
The Decimal color **12874060** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **5021636**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16754302**, and **9060382** is the 20% darker color. If you saturate the color by 10%, you get **12870456**, and if you desaturate by 10%, it is **12877664**.

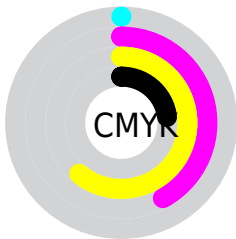
# Distribution



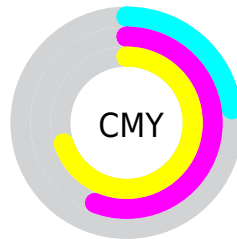
- Red (77%)
- Green (44%)
- Blue (30%)



- Red (77%)
- Yellow (51%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (61%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12874060 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 12874060 by changing the saturation by 10% instead.



 12874060

 12874060


16777215

 10967093

 16754302

 9060382

 16761240

 7153671

 16768435

 5378048

 16775887

 3538944

 16777195

 1703937

 0

 12874060

 12874060

 12870456

 12877664

12867109

12881011

12863505

12884615

12860416

12887962

12891566

12894914

12898517

12901865

12905468

# Harmonies

## Analogous

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



13657710



12874060



11108407

# Triad

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



12874060



39543



7504593

# Complementary

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



12874060



5021636

# 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.



36820



12874060



39584

# Square

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



12874060



5674322



38850



11170490

# Rectangle

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



12874060



9537845



38850



5867476



# Sweetspot

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



12874060



16768977



12864672



8416355



0



8421504



# Same Dimension

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



12874060



16744005



12889164



6380119



10564096



2165248



# Inverse Universe

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



5021636



4572927



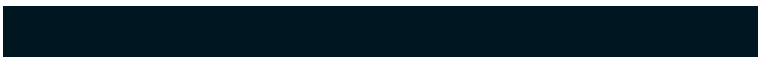
5006532



5725793



28577

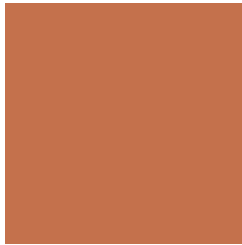


5921



# Previews

## White Background



This preview shows how the Decimal color 12874060 looks on a white background.

## Color Contrast Check

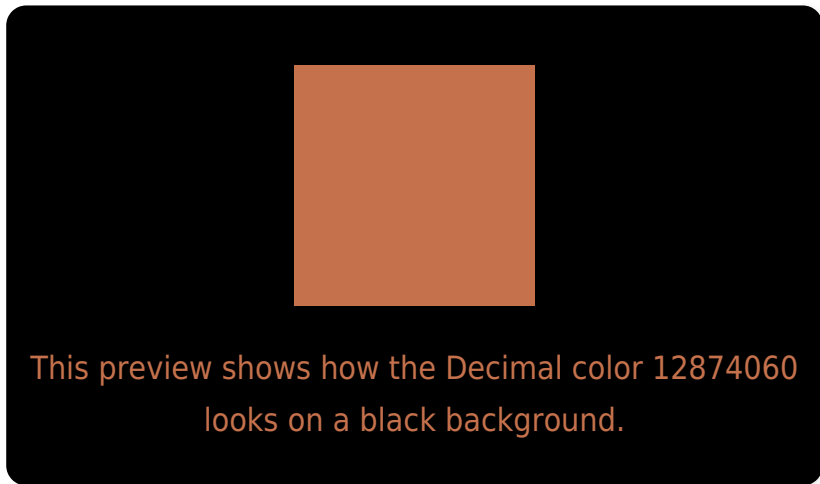
Large Text (above 18pt) WCAG AA ✓ Pass

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 12874060 Background



This preview shows how black text looks on a background with the Decimal color 12874060.



This preview shows how white text looks on a background with the Decimal color 12874060.

# 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**  
12874060

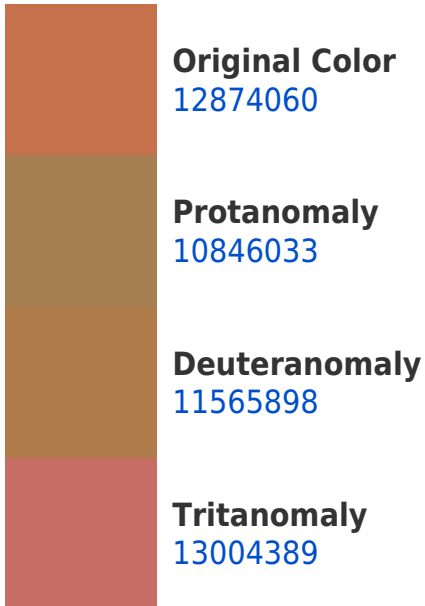
**Protanopia**  
9668436

**Deuteranopia**  
10846537



**Tritanopia**  
13069428

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12874060 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 #C4714C looks like.

```
.text, #text, p{  
  color:#C4714C  
}
```

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 #C4714C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4714C
}
```

## Border

The CSS property to change the border of an element to Decimal 12874060 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
#C4714C }
```

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

```
.border{ border-color:#C4714C }
```

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

Here you see how a box with a 4 pixel #C4714C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4714C; -webkit-box-shadow:4px 4px  
4px 4px #C4714C; box-shadow:4px 4px 4px  
4px #C4714C }
```

# Background

The CSS property to change the background color of an element to Decimal 12874060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4714C }
```

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

```
.background{ background-color:#C4714C }
```

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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