

# Converting Colors

Decimal(12810249)

Have a look what the booklet for  
Decimal(12810249) contains.

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# Color

**Decimal(12810249)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37809
RGB	195, 120, 9
RGB Percent	76%, 47%, 4%
CMY	0.2353, 0.5294, 0.9647
CMYK	0.00, 0.38, 0.95, 0.24
HSL	36°, 91%, 40%
HSV	36°, 95%, 76%
XYZ	29.2715, 25.0548, 3.5517
YIQ	129.7710, 80.3310, -18.6210

# Conversions

## Conversions Part 2

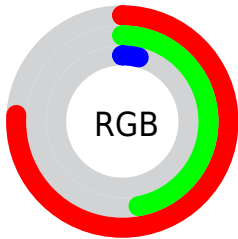
Format	Color
R <sub>Y</sub> B	135, 195, 9
Decimal	12810249
CIE Lab	57.13, 22.44, 62.18
CIE LCh	57, 66.107, 70.153
Yxy	25.0548, 0.5057, 0.4329
Android (android.graphics.Color)	4291000329 (0xFFC37809)
YUV	129.7710, -59.5401, 57.2058
Hunter-Lab	50.0547, 16.7890, 30.8313

# Details

The Decimal color **12810249** 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 **611523**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16755783**, and **8865536** is the 20% darker color. If you saturate the color by 10%, you get **12809216**, and if you desaturate by 10%, it is **12812316**.

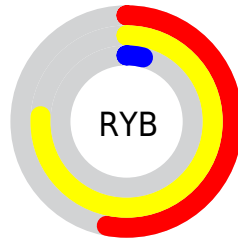
# Distribution



Red (76%)

Green (47%)

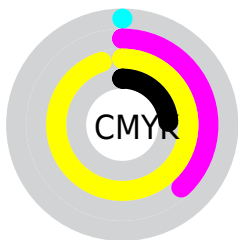
Blue (4%)



Red (53%)

Yellow (76%)

Blue (4%)

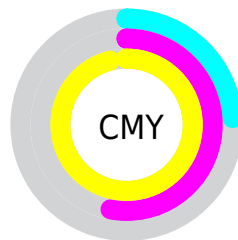


Cyan (0%)

Magenta (38%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (53%)



















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12810249 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 12810249 by changing the saturation by 10% instead.



 12810249	 12810249
16777215	 10837760
 16755783	 8865536
 16762978	 6959104
 16770173	 5118464
 16777112	 3343616
 16777140	 1441792
 16777168	 0
 16777197	
 12810249	 12810249

■ 12809216

■ 12812316

■ 12814384

■ 12816451

■ 12818263

■ 12820331

■ 12822398

■ 12824466

■ 12826533

■ 12828600

# Harmonies

## Analogous

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



15031873



12810249



9604352

# Triad

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



12810249



42140



10776802

# Complementary

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



12810249



611523

# 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.



297467



12810249



41682

# Square

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



12810249



41312



39670



14440114

# Rectangle

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



12810249



6985233



39670



8813294



# Sweetspot

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



12810249



16572339



12781910



8416851



0



8421504



# Same Dimension

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



12810249



16553728



11846409



6380887



10575872



2167808



# Inverse Universe

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



611523



26364



1640899



5725025



16801



3361



# Previews

## White Background



This preview shows how the Decimal color 12810249 looks on a white background.

## Color Contrast Check

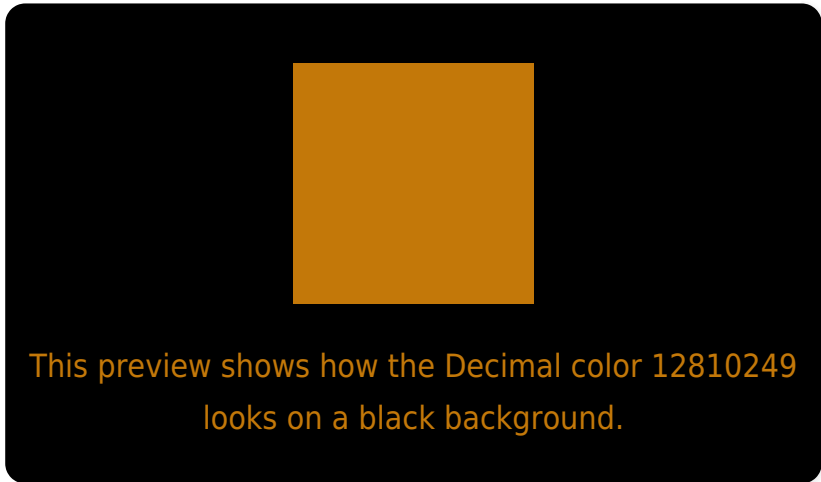
Large Text (above 18pt) WCAG AA ✓ Pass

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 12810249 Background



This preview shows how black text looks on a background with the Decimal color 12810249.



This preview shows how white text looks on a background with the Decimal color 12810249.

# 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**  
12810249

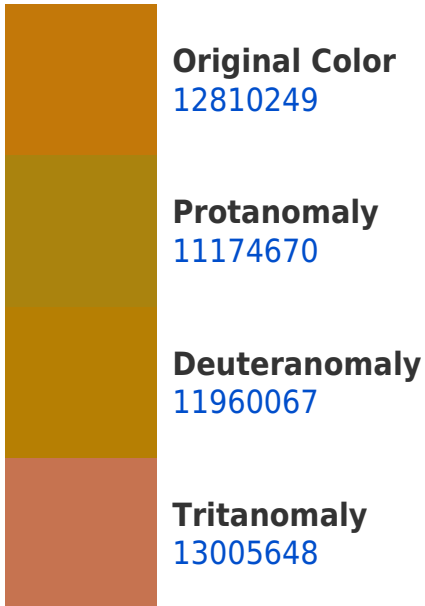
**Protanopia**  
10193425

**Deuteranopia**  
11436800

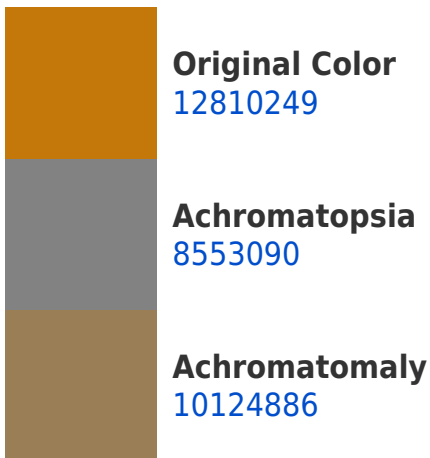


**Tritanopia**  
13135992

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12810249 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 #C37809 looks like.

```
.text, #text, p{  
    color:#C37809  
}
```

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 #C37809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37809
}
```

## Border

The CSS property to change the border of an element to Decimal 12810249 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
#C37809 }
```

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

```
.border{ border-color:#C37809 }
```

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

Here you see how a box with a 4 pixel #C37809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37809; -webkit-box-shadow:4px 4px  
4px 4px #C37809; box-shadow:4px 4px 4px  
4px #C37809 }
```

# Background

The CSS property to change the background color of an element to Decimal 12810249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37809 }
```

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

```
.background{ background-color:#C37809 }
```

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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