

# Converting Colors

Decimal(12872724)

Have a look what the booklet for  
Decimal(12872724) contains.

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# Color

**Decimal(12872724)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46C14
RGB	196, 108, 20
RGB Percent	77%, 42%, 8%
CMY	0.2314, 0.5765, 0.9216
CMYK	0.00, 0.45, 0.90, 0.23
HSL	30°, 81%, 42%
HSV	30°, 90%, 77%
XYZ	28.2538, 22.5114, 3.5178
YIQ	124.2800, 80.6960, -8.7120

# Conversions

## Conversions Part 2

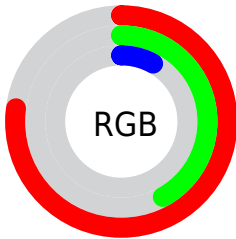
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 196, 20
Decimal	12872724
CIELab	54.57, 29.53, 57.97
CIELCh	55, 65.055, 63.001
Yxy	22.5114, 0.5205, 0.4147
Android (android.graphics.Color)	4291062804 (0xFFC46C14)
YUV	124.2800, -51.4100, 62.8984
Hunter-Lab	47.4462, 23.2644, 28.8164

# Details

The Decimal color **12872724** 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 **1338564**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16752715**, and **8928000** is the 20% darker color. If you saturate the color by 10%, you get **12870144**, and if you desaturate by 10%, it is **12875304**.

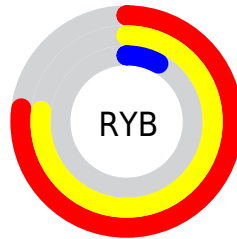
# Distribution



Red (77%)

Green (42%)

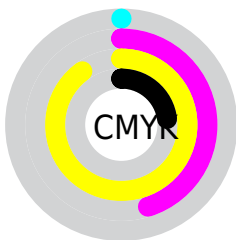
Blue (8%)



Red (77%)

Yellow (77%)

Blue (8%)

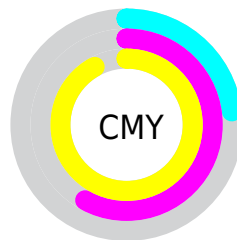


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (23%)



Cyan (23%)

Magenta (58%)



















Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12872724 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 12872724 by changing the saturation by 10% instead.



 12872724	 12872724
16777215	 10900224
 16752715	 8928000
 16759653	 6956032
 16766848	 5114624
 16774299	 3342336
 16777142	 983040
 16777170	 0
 16777199	
 12872724	 12872724

■ 12870144

■ 12875304

■ 12877883

■ 12880207

■ 12882786

■ 12885366

■ 12887946

■ 12890525

■ 12892849

■ 12895428

# Harmonies

## Analogous

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



14701385



12872724



9994752

# Triad

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



12872724



40071



8942050

# Complementary

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



12872724



1338564

# 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.



35060



12872724



39871

# Square

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



12872724



39244



38375



13260215

# Rectangle

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



12872724



7572480



38375



6650347



# Sweetspot

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



12872724



16768442



12850284



8416087



0



8421504



# Same Dimension

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



12872724



16744448



12895252



6380631



10571776



2167040



# Inverse Universe

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



1338564



33023



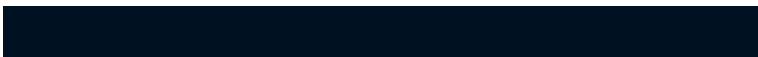
1316036



5725281



20641



4385



# Previews

## White Background



This preview shows how the Decimal color 12872724 looks on a white background.

## Color Contrast Check

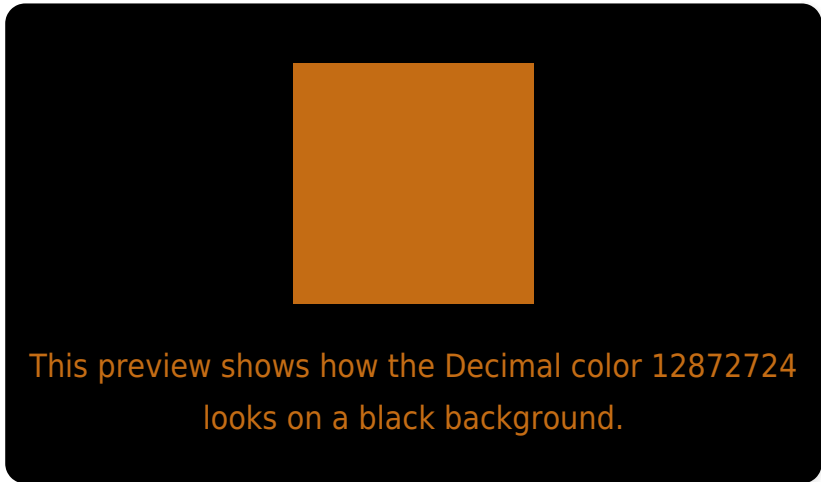
Large Text (above 18pt) WCAG AA ✓ Pass

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 12872724 Background



This preview shows how black text looks on a background with the Decimal color 12872724.



This preview shows how white text looks on a background with the Decimal color 12872724.

# 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**  
12872724

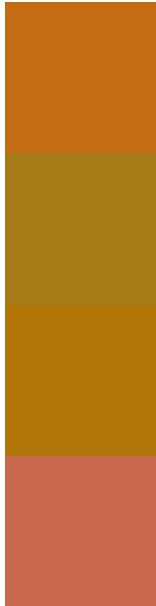
**Protanopia**  
9732890

**Deuteranopia**  
10910720



**Tritanopia**  
13133164

# Trichromacy



**Original Color**  
12872724

**Protanomaly**  
10844952

**Deuteranomaly**  
11630087

**Tritanomaly**  
13068364

# Monochromacy



**Original Color**  
12872724

**Achromatopsia**  
8158332

**Achromatomaly**  
9860694

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12872724 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 #C46C14 looks like.

```
.text, #text, p{  
    color:#C46C14  
}
```

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 #C46C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46C14  
}
```

## Border

The CSS property to change the border of an element to Decimal 12872724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

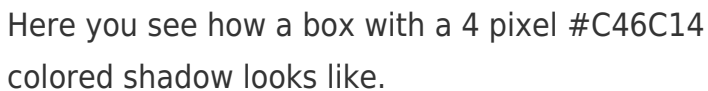
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C46C14 }
```

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

```
.border{ border-color:#C46C14 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C46C14 colored shadow looks like."

Here you see how a box with a 4 pixel #C46C14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46C14; -webkit-box-shadow:4px 4px  
4px 4px #C46C14; box-shadow:4px 4px 4px  
4px #C46C14 }
```

# Background

The CSS property to change the background color of an element to Decimal 12872724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46C14 }
```

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

```
.background{ background-color:#C46C14 }
```

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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