

# Converting Colors

Decimal(12471340)

Have a look what the booklet for  
Decimal(12471340) contains.

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# Color

**Decimal(12471340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4C2C
RGB	190, 76, 44
RGB Percent	75%, 30%, 17%
CMY	0.2549, 0.7020, 0.8275
CMYK	0.00, 0.60, 0.77, 0.25
HSL	13°, 62%, 46%
HSV	13°, 77%, 75%
XYZ	24.2743, 16.2979, 4.2493
YIQ	106.4380, 78.2160, 14.2160

# Conversions

## Conversions Part 2

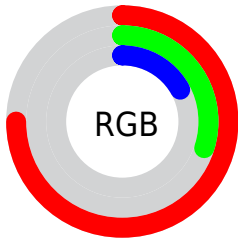
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 85, 44
Decimal	12471340
CIELab	47.36, 44.11, 41.41
CIElCh	47, 60.502, 43.188
Yxy	16.2979, 0.5416, 0.3636
Android (android.graphics.Color)	4290661420 (0xFFBE4C2C)
YUV	106.4380, -30.7819, 73.2839
Hunter-Lab	40.3706, 36.6808, 22.0188

# Details

The Decimal color **12471340** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2924222**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **16548188**, and **8525056** is the 20% darker color. If you saturate the color by 10%, you get **12467481**, and if you desaturate by 10%, it is **12475199**.

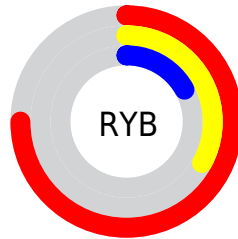
# Distribution



Red (75%)

Green (30%)

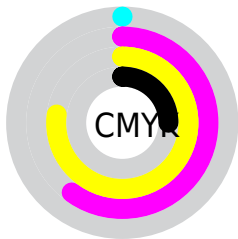
Blue (17%)



Red (75%)

Yellow (33%)

Blue (17%)

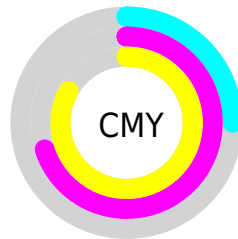


Cyan (0%)

Magenta (60%)

Yellow (77%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12471340 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 12471340 by changing the saturation by 10% instead.



 12471340

 12471340

16777215

 10498581

 16548188

 8525056

 16751733

 6553600

 16758927

 4653056

 16766122

 2949121

 16773573

 0

 16777185

16777214

 12471340

 12471340

■ 12467481

■ 12475199

■ 12463622

■ 12479058

■ 12462592

■ 12482917

■ 12486520

■ 12490379

■ 12494238

■ 12498097

■ 12501956

■ 12505815

# Harmonies

## Analogous

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



13252956



12471340



10445568

# Triad

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



12471340



34385



1535956

# Complementary

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



12471340



2924222

# 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.



32466



12471340



34694

# Square

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



12471340



3571740



34485



9328827

# Rectangle

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



12471340



8613888



34485



30167

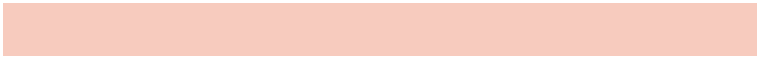


# Sweetspot

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



12471340



16239550



12463262



8217178



16579836



8224125



# Same Dimension

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



12471340



16205332



12490028



6182741



10363648



2033408



# Inverse Universe

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



2924222



1361399



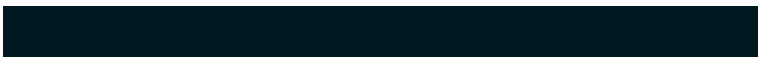
2905534



5594206



31646

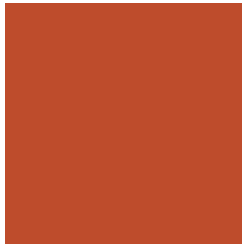


6175



# Previews

## White Background



This preview shows how the Decimal color 12471340 looks on a white background.

## Color Contrast Check

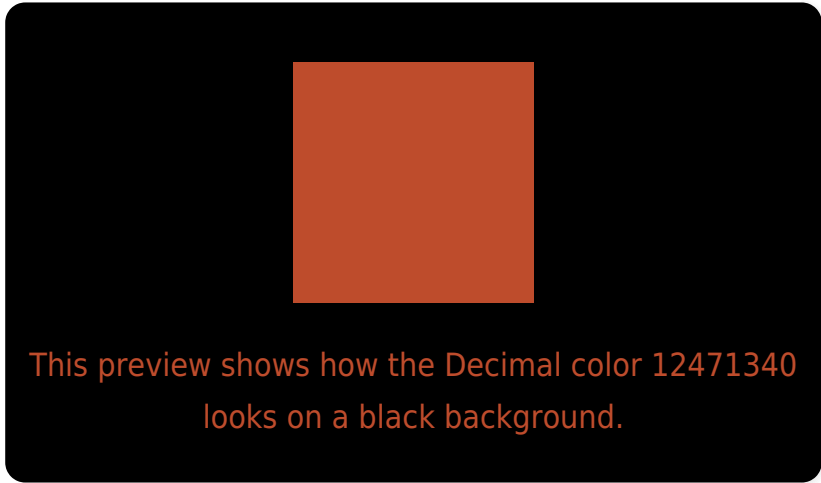
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12471340 Background



This preview shows how black text looks on a background with the Decimal color 12471340.



This preview shows how white text looks on a background with the Decimal color 12471340.

# 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**  
12471340

**Protanopia**  
8220983

**Deuteranopia**  
9333540



# Trichromacy



**Original Color**  
12471340

**Protanomaly**  
9790515

**Deuteranomaly**  
10444839

**Tritanomaly**  
12536129

# Monochromacy



**Original Color**  
12471340

**Achromatopsia**  
6974058

**Achromatomaly**  
9002835

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12471340 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 #BE4C2C looks like.

```
.text, #text, p{  
  color:#BE4C2C  
}
```

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 #BE4C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4C2C
}
```

## Border

The CSS property to change the border of an element to Decimal 12471340 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
#BE4C2C }
```

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

```
.border{ border-color:#BE4C2C }
```

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

Here you see how a box with a 4 pixel #BE4C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4C2C; -webkit-box-shadow:4px 4px  
4px 4px #BE4C2C; box-shadow:4px 4px 4px  
4px #BE4C2C }
```

# Background

The CSS property to change the background color of an element to Decimal 12471340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4C2C }
```

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

```
.background{ background-color:#BE4C2C }
```

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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