

# Converting Colors

Decimal(12471063)

Have a look what the booklet for  
Decimal(12471063) contains.

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# Color

**Decimal(12471063)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4B17
RGB	190, 75, 23
RGB Percent	75%, 29%, 9%
CMY	0.2549, 0.7059, 0.9098
CMYK	0.00, 0.61, 0.88, 0.25
HSL	19°, 78%, 42%
HSV	19°, 88%, 75%
XYZ	23.9059, 16.0412, 2.6469
YIQ	103.4570, 85.2320, 8.2080

# Conversions

## Conversions Part 2

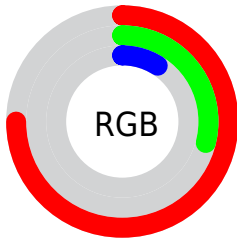
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 99, 23
Decimal	12471063
CIE <sub>Lab</sub>	47.03, 43.94, 50.73
CIE <sub>LCh</sub>	47, 67.117, 49.103
Yxy	16.0412, 0.5613, 0.3766
Android (android.graphics.Color)	4290661143 (0xFFBE4B17)
YUV	103.4570, -39.6653, 75.8982
Hunter-Lab	40.0514, 36.4533, 24.1177

# Details

The Decimal color **12471063** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1542846**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16613449**, and **8459264** is the 20% darker color. If you saturate the color by 10%, you get **12467716**, and if you desaturate by 10%, it is **12474410**.

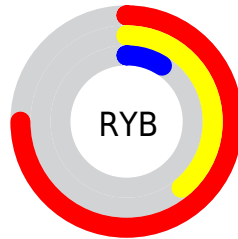
# Distribution



Red (75%)

Green (29%)

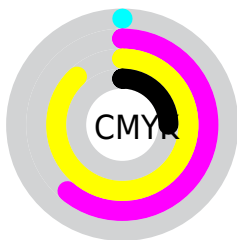
Blue (9%)



Red (75%)

Yellow (39%)

Blue (9%)

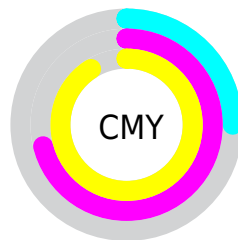


Cyan (0%)

Magenta (61%)

Yellow (88%)

Black (25%)



Cyan (25%)

Magenta (71%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12471063 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 12471063 by changing the saturation by 10% instead.



 12471063	 12471063
16777215	 10432768
 16613449	 8459264
 16751458	 6488064
 16758396	 4587520
 16765846	 2818049
 16773041	 0
 16777165	
 16777194	
 12471063	 12471063

12467716

12474410

12466944

12477757

12481104

12484451

12487798

12491401

12494748

12498095

12501442

# Harmonies

## Analogous

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



13708878



12471063



9987584

# Triad

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



12471063



34648



3304155

# Complementary

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



12471063



1542846

# 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.



31967



12471063



34963

# Square

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



12471063



229915



34500



10309050

# Rectangle

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



12471063



7893760



34500



29152



# Sweetspot

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



12471063



16239543



12457868



8217174



16579836



8224125



# Same Dimension

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



12471063



16207104



12492055



6182997



10367232



2034176



# Inverse Universe

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



1542846



43767



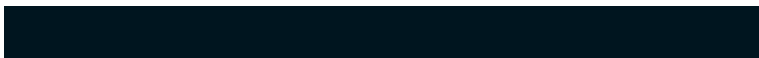
1521854



5593950



28062



5407



# Previews

## White Background



This preview shows how the Decimal color 12471063 looks on a white background.

## Color Contrast Check

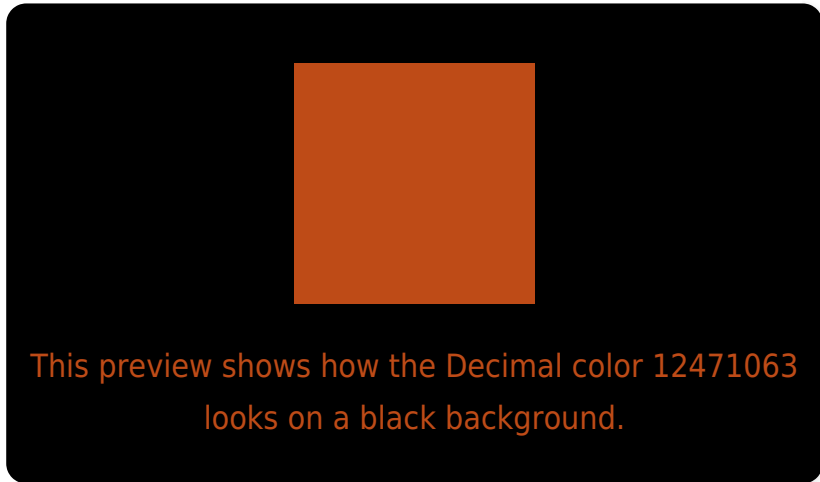
Large Text (above 18pt) WCAG AA ✓ Pass

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 12471063 Background



This preview shows how black text looks on a background with the Decimal color 12471063.



This preview shows how white text looks on a background with the Decimal color 12471063.

# 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**  
12471063

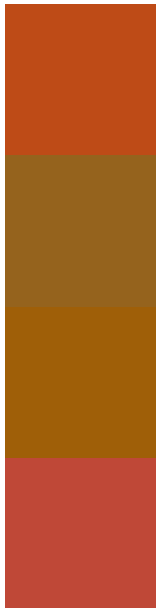
**Protanopia**  
8286240

**Deuteranopia**  
9333248



**Tritanopia**  
12600906

# Trichromacy



**Original Color**  
12471063

**Protanomaly**  
9790237

**Deuteranomaly**  
10444552

**Tritanomaly**  
12535863

# Monochromacy



**Original Color**  
12471063

**Achromatopsia**  
6776679

**Achromatomaly**  
8871242

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12471063 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 #BE4B17 looks like.

```
.text, #text, p{  
  color:#BE4B17  
}
```

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 #BE4B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4B17  
}
```

## Border

The CSS property to change the border of an element to Decimal 12471063 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  
#BE4B17 }
```

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

```
.border{ border-color:#BE4B17 }
```

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

Here you see how a box with a 4 pixel #BE4B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4B17; -webkit-box-shadow:4px 4px  
4px 4px #BE4B17; box-shadow:4px 4px 4px  
4px #BE4B17 }
```

# Background

The CSS property to change the background color of an element to Decimal 12471063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4B17 }
```

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

```
.background{ background-color:#BE4B17 }
```

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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