

# Converting Colors

Decimal(12477731)

Have a look what the booklet for  
Decimal(12477731) contains.

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# Color

**Decimal(12477731)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE6523
RGB	190, 101, 35
RGB Percent	75%, 40%, 14%
CMY	0.2549, 0.6039, 0.8627
CMYK	0.00, 0.47, 0.82, 0.25
HSL	26°, 69%, 44%
HSV	26°, 82%, 75%
XYZ	26.1923, 20.3759, 4.1426
YIQ	120.0870, 74.2300, -1.6580

# Conversions

## Conversions Part 2

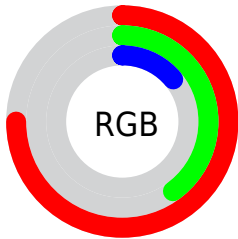
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	190, 150, 35
Decimal	12477731
CIE Lab	52.26, 31.15, 50.42
CIE LCh	52, 59.269, 58.292
Yxy	20.3759, 0.5165, 0.4018
Android (android.graphics.Color)	4290667811 (0xFFBE6523)
YUV	120.0870, -41.9479, 61.3137
Hunter-Lab	45.1396, 24.5802, 26.1566

# Details

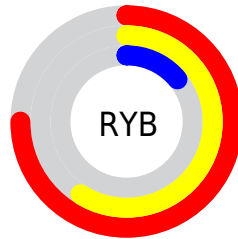
The Decimal color **12477731** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2325694**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16554325**, and **8532992** is the 20% darker color. If you saturate the color by 10%, you get **12474896**, and if you desaturate by 10%, it is **12480566**.

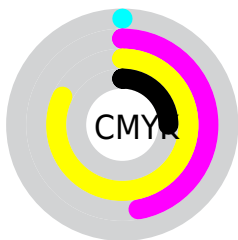
# Distribution



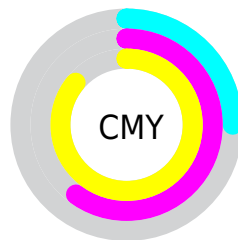
- Red (75%)
- Green (40%)
- Blue (14%)



- Red (75%)
- Yellow (59%)
- Blue (14%)



- Cyan (0%)
- Magenta (47%)
- Yellow (82%)
- Black (25%)




















- Cyan (25%)
- Magenta (60%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12477731 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 12477731 by changing the saturation by 10% instead.



 12477731	 12477731
16777215	 10505222
 16554325	 8532992
 16757871	 6626304
 16765065	 4784640
 16772260	 3080192
 16777152	 0
 16777180	
 16777209	
 12477731	 12477731

12474896

12480566

12472576

12483401

12486236

12489071

12491906

12494485

12497320

12500155

12502990

# Harmonies

## Analogous

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



13979728



12477731



9992448

# Triad

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



12477731



38008



7696599

# Complementary

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



12477731



2325694

# 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.



34019



12477731



38060

# Square

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



12477731



36932



36819



12016051

# Rectangle

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



12477731



7898114



36819



5404894



# Sweetspot

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



12477731



16242108



12460925



8218713



16579836



8224125



# Same Dimension

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



12477731



16215045



12497187



6183253



10371840



2034944



# Inverse Universe

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



2325694



364791



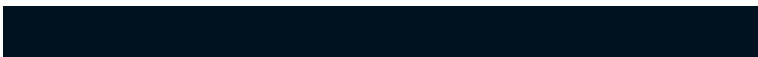
2306238



5593694



23454



4639



# Previews

## White Background



This preview shows how the Decimal color 12477731 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



This preview shows how the Decimal color 12477731 looks on a 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 12477731 Background



This preview shows how black text looks on a background with the Decimal color 12477731.



This preview shows how white text looks on a background with the Decimal color 12477731.

# 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**

12477731

**Protanopia**

9207081

**Deuteranopia**

10385180



# Trichromacy



**Original Color**  
12477731

**Protanomaly**  
10384423

**Deuteranomaly**  
11169823

**Tritanomaly**  
12607821

# Monochromacy



**Original Color**  
12477731

**Achromatopsia**  
7895160

**Achromatomaly**  
9531737

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12477731 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 #BE6523 looks like.

```
.text, #text, p{  
    color:#BE6523  
}
```

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 #BE6523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6523
}
```

## Border

The CSS property to change the border of an element to Decimal 12477731 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
#BE6523 }
```

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

```
.border{ border-color:#BE6523 }
```

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

Here you see how a box with a 4 pixel #BE6523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6523; -webkit-box-shadow:4px 4px  
4px 4px #BE6523; box-shadow:4px 4px 4px  
4px #BE6523 }
```

# Background

The CSS property to change the background color of an element to Decimal 12477731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6523 }
```

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

```
.background{ background-color:#BE6523 }
```

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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