

# Converting Colors

Decimal(12475941)

Have a look what the booklet for  
Decimal(12475941) contains.

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# Color

**Decimal(12475941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5E25
RGB	190, 94, 37
RGB Percent	75%, 37%, 15%
CMY	0.2549, 0.6314, 0.8549
CMYK	0.00, 0.51, 0.81, 0.25
HSL	22°, 67%, 45%
HSV	22°, 81%, 75%
XYZ	25.5718, 19.0861, 4.0865
YIQ	116.2060, 75.5130, 2.6250

# Conversions

## Conversions Part 2

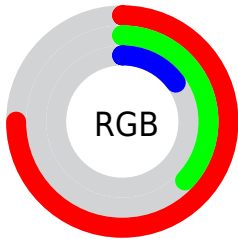
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 128, 37
Decimal	12475941
CIELab	50.79, 34.90, 48.19
CIElCh	51, 59.503, 54.083
Yxy	19.0861, 0.5246, 0.3916
Android (android.graphics.Color)	4290666021 (0xFFBE5E25)
YUV	116.2060, -39.0486, 64.7173
Hunter-Lab	43.6877, 28.0285, 25.0355

# Details

The Decimal color **12475941** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2459070**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **16552534**, and **8530944** is the 20% darker color. If you saturate the color by 10%, you get **12472850**, and if you desaturate by 10%, it is **12479032**.

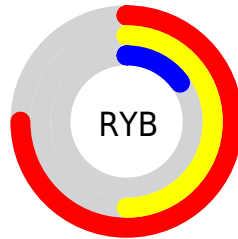
# Distribution



Red (75%)

Green (37%)

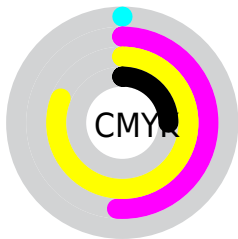
Blue (15%)



Red (75%)

Yellow (50%)

Blue (15%)

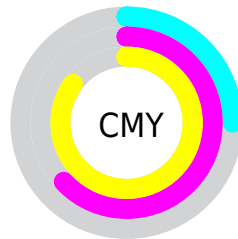


Cyan (0%)

Magenta (51%)

Yellow (81%)

Black (25%)



Cyan (25%)

Magenta (63%)


















Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12475941 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 12475941 by changing the saturation by 10% instead.



 12475941	 12475941
16777215	 10503434
 16552534	 8530944
 16756080	 6624000
 16763274	 4718592
 16770469	 3145729
 16777152	 0
 16777180	
 16777209	
 12475941	 12475941

12472850

12479032

12470016

12482123

12485214

12488305

12491396

12494487

12497322

12500413

12503504

# Harmonies

## Analogous

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



13781331



12475941



10121984

# Triad

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



12475941



36973



6516950

# Complementary

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



12475941



2459070

# 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.



33502



12475941



37025

# Square

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



12475941



1805113



36043



11294901

# Rectangle

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



12475941



8093184



36043



3569628



# Sweetspot

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



12475941



16241340



12461446



8218201



16579836



8224125



# Same Dimension

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



12475941



16212231



12495397



6182997



10369792



2034432



# Inverse Universe

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



2459070



499447



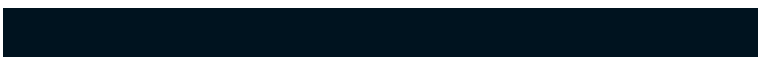
2439614



5593950



25502



4895



# Previews

## White Background



This preview shows how the Decimal color 12475941 looks on a white background.

## Color Contrast Check

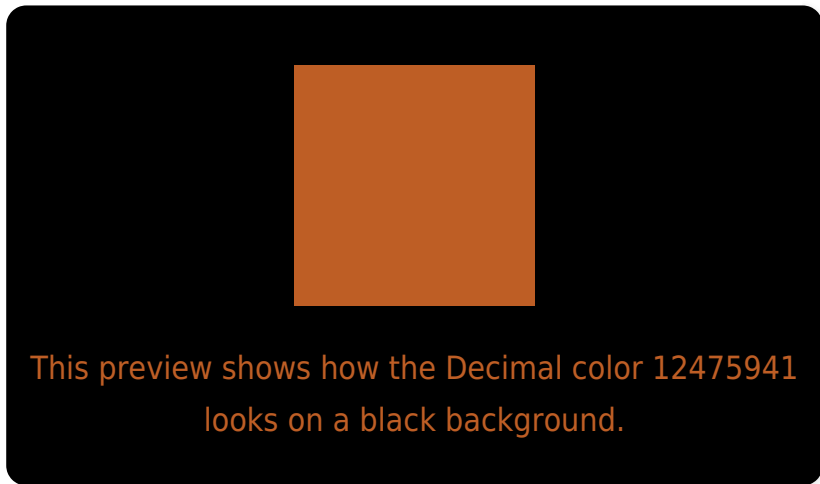
Large Text (above 18pt) WCAG AA ✓ Pass

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 12475941 Background



This preview shows how black text looks on a background with the Decimal color 12475941.



This preview shows how white text looks on a background with the Decimal color 12475941.

# 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**

12475941

**Protanopia**

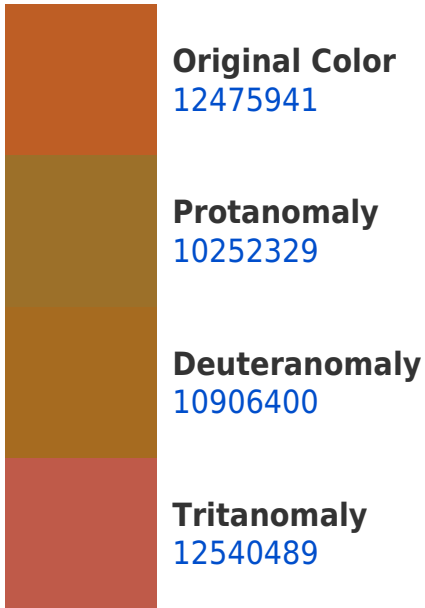
8944172

**Deuteranopia**

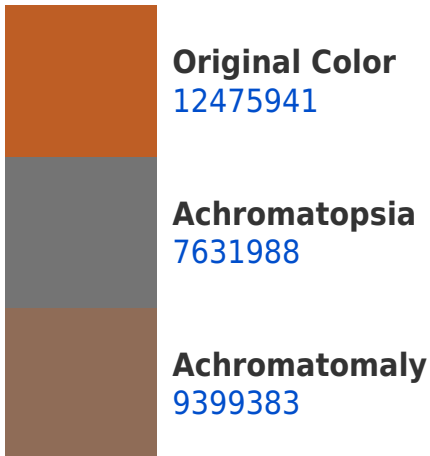
10056477



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12475941 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 #BE5E25 looks like.

```
.text, #text, p{  
  color:#BE5E25  
}
```

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 #BE5E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5E25
}
```

## Border

The CSS property to change the border of an element to Decimal 12475941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

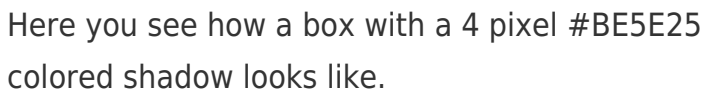
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE5E25 }
```

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

```
.border{ border-color:#BE5E25 }
```

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.

Here you see how a box with a 4 pixel #BE5E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5E25; -webkit-box-shadow:4px 4px  
4px 4px #BE5E25; box-shadow:4px 4px 4px  
4px #BE5E25 }
```

# Background

The CSS property to change the background color of an element to Decimal 12475941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5E25 }
```

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

```
.background{ background-color:#BE5E25 }
```

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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