

# Converting Colors

Decimal(12013377)

Have a look what the booklet for  
Decimal(12013377) contains.

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# Color

**Decimal(12013377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B74F41
RGB	183, 79, 65
RGB Percent	72%, 31%, 25%
CMY	0.2824, 0.6902, 0.7451
CMYK	0.00, 0.57, 0.64, 0.28
HSL	7°, 48%, 49%
HSV	7°, 64%, 72%
XYZ	23.2786, 16.0409, 6.8703
YIQ	108.5000, 66.4780, 17.6940

# Conversions

## Conversions Part 2

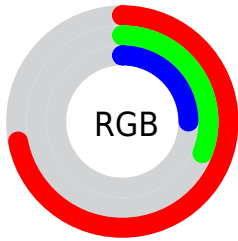
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 81, 65
Decimal	12013377
CIE <sub>Lab</sub>	47.03, 41.16, 29.05
CIE <sub>LCh</sub>	47, 50.375, 35.212
Yxy	16.0409, 0.5040, 0.3473
Android (android.graphics.Color)	4290203457 (0xFFB74F41)
YUV	108.5000, -21.4455, 65.3365
Hunter-Lab	40.0511, 33.6586, 17.8652

# Details

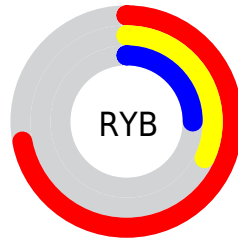
The Decimal color **12013377** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4303287**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16024433**, and **8133141** is the 20% darker color. If you saturate the color by 10%, you get **12009263**, and if you desaturate by 10%, it is **12017491**.

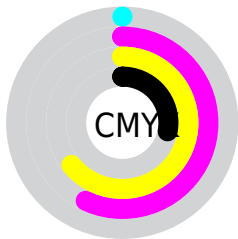
# Distribution



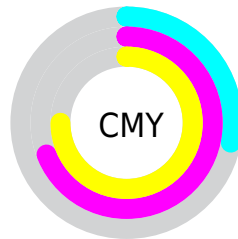
- Red (72%)
- Green (31%)
- Blue (25%)



- Red (72%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (64%)
- Black (28%)




- Cyan (28%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12013377 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 12013377 by changing the saturation by 10% instead.



 12013377  12013377

16777215  10040619

 16024433  8133141

 16752267  6291456

 16759461  4390912

 16766656  2686977

 16774108  0

 16777209

 12013377  12013377

 12009263  12017491

12005148

12021606

12001034

12025720

11998720

12030090

12034204

12038319

12042433

12046547

12050662

# Harmonies

## Analogous

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



12273258



12013377



10575903

# Triad

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



12013377



33098



225988

# Complementary

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



12013377



4303287

# 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.



32188



12013377



33910

# Square

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



12013377



5405476



33695



8020405

# Rectangle

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



12013377



9136911



33695



30404



# Sweetspot

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



12013377



15582656



12009897



7888988



16250871



7895160



# Same Dimension

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



12013377



15551543



12028481



6050899



10228224



1835776



# Inverse Universe

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



4303287



3659757



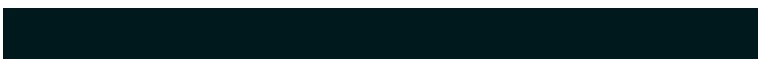
4288183



5462876



35228

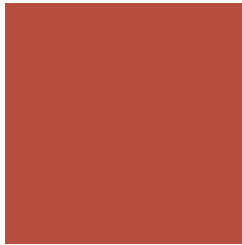


6428



# Previews

## White Background



This preview shows how the Decimal color 12013377 looks on a white background.

## Color Contrast Check

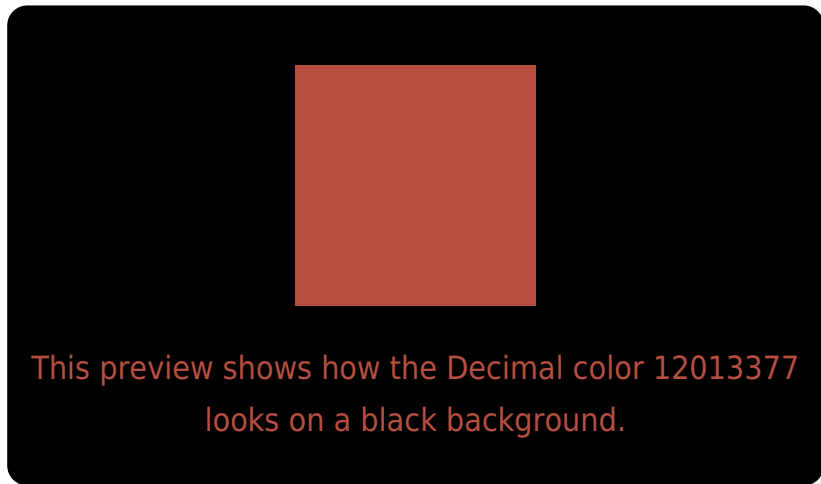
Large Text (above 18pt) WCAG AA ✓ Pass

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 12013377 Background



This preview shows how black text looks on a background with the Decimal color 12013377.



This preview shows how white text looks on a background with the Decimal color 12013377.

# 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





# Trichromacy



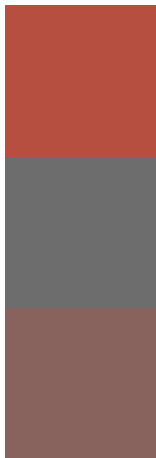
**Original Color**  
12013377

**Protanomaly**  
9462857

**Deuteranomaly**  
10117438

**Tritanomaly**  
12078668

# Monochromacy



**Original Color**  
12013377

**Achromatopsia**  
7171437

**Achromatomaly**  
8938077

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12013377 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 #B74F41 looks like.

```
.text, #text, p{  
  color:#B74F41  
}
```

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 #B74F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B74F41
}
```

## Border

The CSS property to change the border of an element to Decimal 12013377 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
#B74F41 }
```

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

```
.border{ border-color:#B74F41 }
```

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

Here you see how a box with a 4 pixel #B74F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B74F41; -webkit-box-shadow:4px 4px  
4px 4px #B74F41; box-shadow:4px 4px 4px  
4px #B74F41 }
```

# Background

The CSS property to change the background color of an element to Decimal 12013377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B74F41 }
```

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

```
.background{ background-color:#B74F41 }
```

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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