

# Converting Colors

Decimal(12013631)

Have a look what the booklet for  
Decimal(12013631) contains.

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# Color

**Decimal(12013631)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B7503F
RGB	183, 80, 63
RGB Percent	72%, 31%, 25%
CMY	0.2824, 0.6863, 0.7529
CMYK	0.00, 0.56, 0.66, 0.28
HSL	8°, 49%, 48%
HSV	8°, 66%, 72%
XYZ	23.2943, 16.1635, 6.5947
YIQ	108.8590, 66.8450, 16.5490

# Conversions

## Conversions Part 2

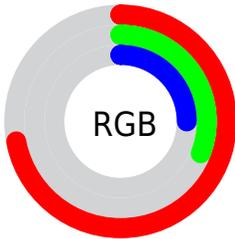
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 83, 63
Decimal	12013631
CIE Lab	47.19, 40.54, 30.40
CIE LCh	47, 50.672, 36.868
Yxy	16.1635, 0.5058, 0.3510
Android (android.graphics.Color)	4290203711 (0xFFB7503F)
YUV	108.8590, -22.6085, 65.0217
Hunter-Lab	40.2038, 33.0671, 18.4172

# Details

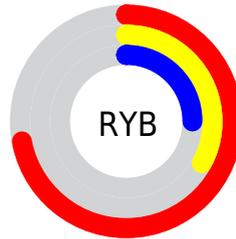
The Decimal color **12013631** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4171447**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16024687**, and **8133651** is the 20% darker color. If you saturate the color by 10%, you get **12009517**, and if you desaturate by 10%, it is **12017745**.

# Distribution



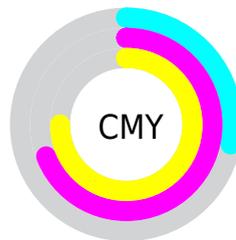
- Red (72%)
- Green (31%)
- Blue (25%)



- Red (72%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (28%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12013631 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 12013631 by changing the saturation by 10% instead.



 12013631       12013631

16777215       10040873

 16024687       8133651

 16752521       6291456

 16759715       4390912

 16766910       2686977

 16774362       0

 16777207

 12013631       12013631

 12009517       12017745

 12005658

 12021604

 12001544

 12025718

 11999744

 12029832

 12033947

 12037805

 12041919

 12046033

 12049892

# Harmonies

## Analogous

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



12338792



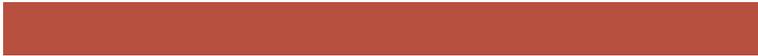
12013631



10510621

# Triad

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



12013631



33357



1602245

# Complementary

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



12013631



4171447

# 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.



32190



12013631



33913

# Square

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



12013631



5209126



33698



8282293

# Rectangle

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



12013631



9006094



33698



30405



# Sweetspot

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



12013631



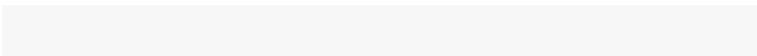
15582398



12009383



7888731



16250871



7895160

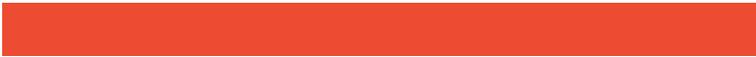


# Same Dimension

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



12013631



15551538



12028735



6050899



10229248



1836032



# Inverse Universe

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



4171447



3331053



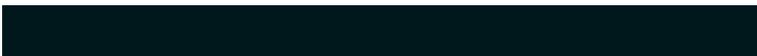
4156343



5462620



34460



6172



# Previews

## White Background



This preview shows how the Decimal color 12013631 looks on a white background.

## Color Contrast Check

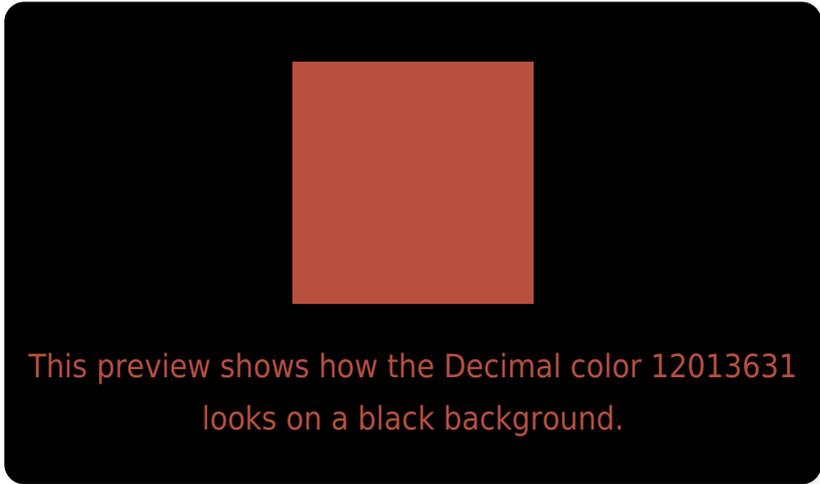
Large Text (above 18pt) WCAG AA ✓ Pass

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 12013631 Background



This preview shows how black text looks on a background with the Decimal color 12013631.



This preview shows how white text looks on a background with the Decimal color 12013631.

# 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



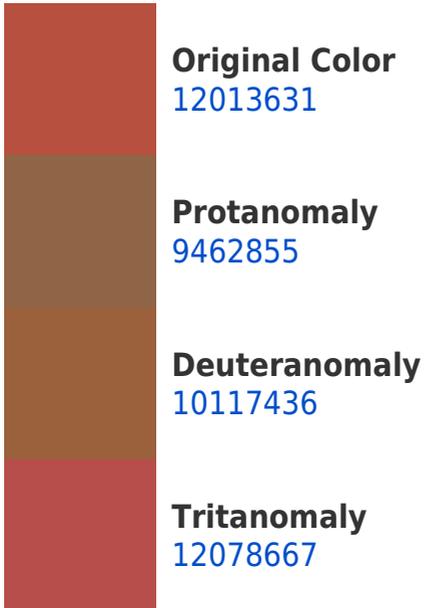
**Original Color**  
12013631

**Protanopia**  
8024139

**Deuteranopia**  
9071418



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12013631 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 #B7503F looks like.

```
.text, #text, p{  
    color:#B7503F  
}
```

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 #B7503F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7503F
}
```

## Border

The CSS property to change the border of an element to Decimal 12013631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

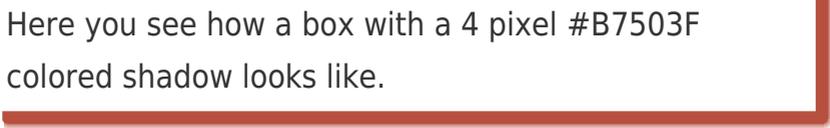
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7503F }
```

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

```
.border{ border-color:#B7503F }
```

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



Here you see how a box with a 4 pixel #B7503F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7503F; -webkit-box-shadow:4px 4px  
4px 4px #B7503F; box-shadow:4px 4px 4px  
4px #B7503F }
```

# Background

The CSS property to change the background color of an element to Decimal 12013631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7503F }
```

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

```
.background{ background-color:#B7503F }
```

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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