

# Converting Colors

Decimal(12470551)

Have a look what the booklet for  
Decimal(12470551) contains.

<b>Decimal(12470551)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(12470551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4917
RGB	190, 73, 23
RGB Percent	75%, 29%, 9%
CMY	0.2549, 0.7137, 0.9098
CMYK	0.00, 0.62, 0.88, 0.25
HSL	18°, 78%, 42%
HSV	18°, 88%, 75%
XYZ	23.7724, 15.7741, 2.6024
YIQ	102.2830, 85.7820, 9.2540

# Conversions

## Conversions Part 2

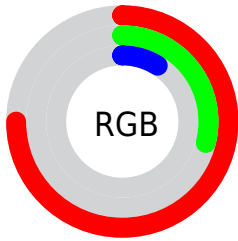
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 94, 23
Decimal	12470551
CIE <sub>Lab</sub>	46.68, 44.87, 50.45
CIE <sub>LCh</sub>	47, 67.518, 48.353
Yxy	15.7741, 0.5640, 0.3742
Android (android.graphics.Color)	4290660631 (0xFFBE4917)
YUV	102.2830, -39.0865, 76.9278
Hunter-Lab	39.7166, 37.3372, 23.9167

# Details

The Decimal color **12470551** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1543358**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **16612937**, and **8458240** is the 20% darker color. If you saturate the color by 10%, you get **12467204**, and if you desaturate by 10%, it is **12473898**.

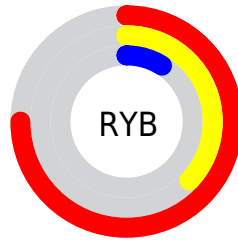
# Distribution



Red (75%)

Green (29%)

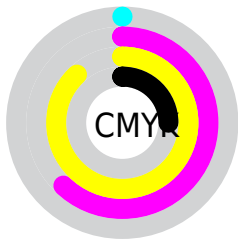
Blue (9%)



Red (75%)

Yellow (37%)

Blue (9%)

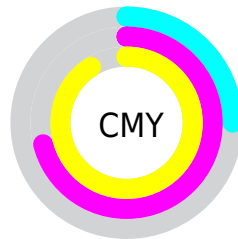


Cyan (0%)

Magenta (62%)

Yellow (88%)

Black (25%)



Cyan (25%)

Magenta (71%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12470551 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 12470551 by changing the saturation by 10% instead.



 12470551	 12470551
16777215	 10432256
 16612937	 8458240
 16750946	 6488064
 16757883	 4521984
 16765334	 2818049
 16772785	 0
 16777165	
 16777193	
 12470551	 12470551

■ 12467204

■ 12473898

■ 12466432

■ 12477501

■ 12480848

■ 12484195

■ 12487798

■ 12491145

■ 12494492

■ 12497839

■ 12501442

# Harmonies

## Analogous

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



13642575



12470551



9987072

# Triad

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



12470551



34390



2648540

# Complementary

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



12470551



1543358

# 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



12470551



34705

# Square

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



12470551



426263



34243



10177979

# Rectangle

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



12470551



7893248



34243



29152



# Sweetspot

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



12470551



16239287



12457871



8217174



16579836



8224125



# Same Dimension

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



12470551



16206336



12491287



6182997



10366720



2033920



# Inverse Universe

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



1543358



44535



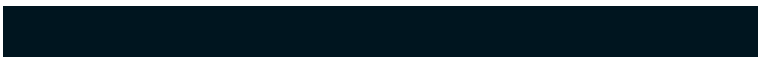
1522622



5594206



28574



5407



# Previews

## White Background



This preview shows how the Decimal color 12470551 looks on a white background.

## Color Contrast Check

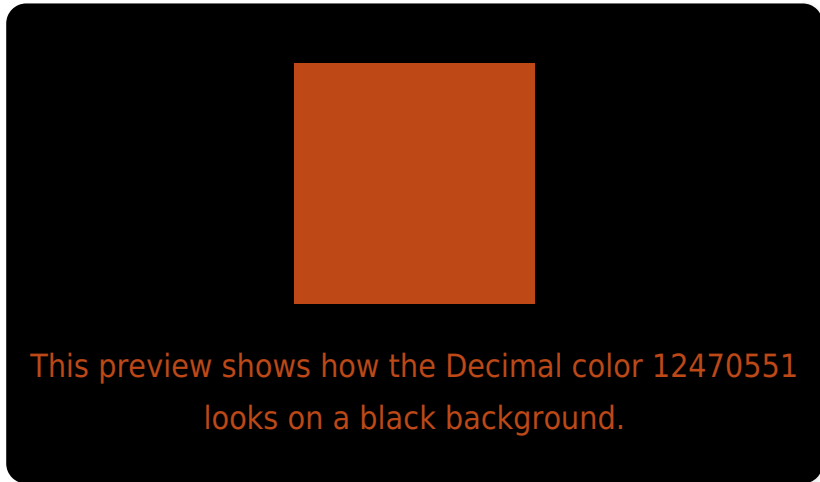
Large Text (above 18pt) WCAG AA ✓ Pass

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 12470551 Background



This preview shows how black text looks on a background with the Decimal color 12470551.



This preview shows how white text looks on a background with the Decimal color 12470551.

# 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



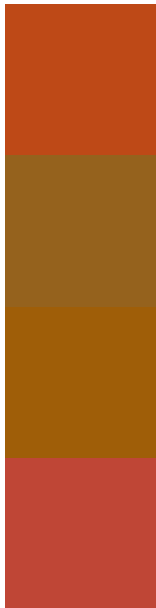
**Original Color**  
12470551

**Protanopia**  
8220705

**Deuteranopia**  
9267712



# Trichromacy



**Original Color**  
12470551

**Protanomaly**  
9789981

**Deuteranomaly**  
10444296

**Tritanomaly**  
12535350

# Monochromacy



**Original Color**  
12470551

**Achromatopsia**  
6710886

**Achromatomaly**  
8805193

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12470551 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 #BE4917 looks like.

```
.text, #text, p{  
    color:#BE4917  
}
```

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 #BE4917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4917
}
```

## Border

The CSS property to change the border of an element to Decimal 12470551 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
#BE4917 }
```

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

```
.border{ border-color:#BE4917 }
```

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

Here you see how a box with a 4 pixel #BE4917 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4917; -webkit-box-shadow:4px 4px  
4px 4px #BE4917; box-shadow:4px 4px 4px  
4px #BE4917 }
```

# Background

The CSS property to change the background color of an element to Decimal 12470551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4917 }
```

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

```
.background{ background-color:#BE4917 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor