

# Converting Colors

Decimal(12339019)

Have a look what the booklet for  
Decimal(12339019) contains.

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# Color

**Decimal(12339019)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC474B
RGB	188, 71, 75
RGB Percent	74%, 28%, 29%
CMY	0.2627, 0.7216, 0.7059
CMYK	0.00, 0.62, 0.60, 0.26
HSL	358°, 47%, 51%
HSV	358°, 62%, 74%
XYZ	24.2623, 15.7058, 8.4094
YIQ	106.4390, 68.4480, 26.0480

# Conversions

## Conversions Part 2

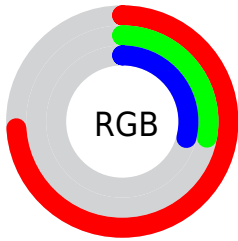
Format	Color
<a href="#">RYB</a>	<a href="#">188, 71, 75</a>
Decimal	<a href="#">12339019</a>
CIELab	<a href="#">46.59, 47.41, 22.73</a>
CIELCh	<a href="#">47, 52.578, 25.620</a>
Yxy	<a href="#">15.7058, 0.5015, 0.3247</a>
Android (android.graphics.Color)	<a href="#">4290529099 (0xFFBC474B)</a>
YUV	<a href="#">106.4390, -15.4994, 71.5290</a>
Hunter-Lab	<a href="#">39.6306, 39.9261, 15.1604</a>

# Details

The Decimal color **12339019** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4701368**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **16350332**, and **8456479** is the 20% darker color. If you saturate the color by 10%, you get **12334137**, and if you desaturate by 10%, it is **12343901**.

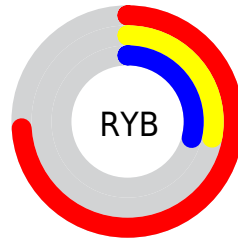
# Distribution



Red (74%)

Green (28%)

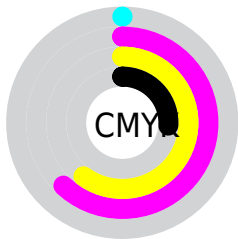
Blue (29%)



Red (74%)

Yellow (28%)

Blue (29%)

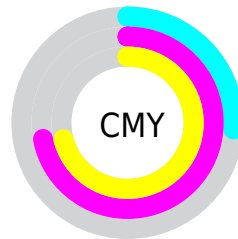


Cyan (0%)

Magenta (62%)

Yellow (60%)

Black (26%)



Cyan (26%)

Magenta (72%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12339019 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 12339019 by changing the saturation by 10% instead.



 12339019

 12339019

16777215

 10366004

 16350332

 8456479

 16750742

 6553609

 16757680

 4653056

 16765132

 2949121

 16772584

 0

 12339019

 12339019

 12334137

 12343901

 12329255

 12348783

 12324629

 12353409

 12320774

 12358292

 12363174

 12368056

 12372938

 12377564

 12382446

# Harmonies

## Analogous

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



12141431



12339019



11163684

# Triad

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



12339019



1867578



30407

# Complementary

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



12339019



4701368

# 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.



32695



12339019



33638

# Square

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



12339019



6256402



33683



6448574

# Rectangle

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



12339019



9856269



33683



31172



# Sweetspot

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



12339019



16107208



11945916



8019551



16448250



8026746



# Same Dimension

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



12339019



16072003



12352583



6182229



10354693



2031617



# Inverse Universe

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



12339019



16072003



4687804



6182229



10354693



2031617



# Previews

## White Background



This preview shows how the Decimal color 12339019 looks on a white background.

## Color Contrast Check

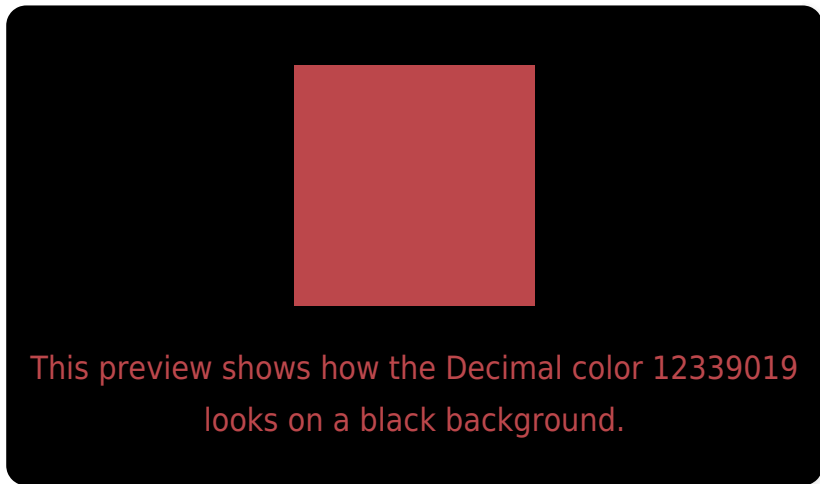
Large Text (above 18pt) WCAG AA ✓ Pass

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 12339019 Background



This preview shows how black text looks on a background with the Decimal color 12339019.




This preview shows how white text looks on a background with the Decimal color 12339019.

# 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





**Tritanopia**  
12339019

# Trichromacy



**Original Color**  
12339019

**Protanomaly**  
9396310

**Deuteranomaly**  
10116423

**Tritanomaly**  
12339019

# Monochromacy



**Original Color**  
12339019

**Achromatopsia**  
6974058

**Achromatomaly**  
8936799

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12339019 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 #BC474B looks like.

```
.text, #text, p{  
    color:#BC474B  
}
```

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 #BC474B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC474B
}
```

## Border

The CSS property to change the border of an element to Decimal 12339019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

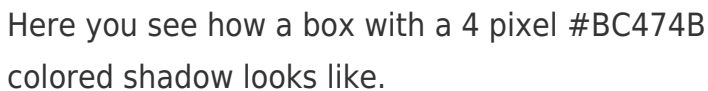
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC474B }
```

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

```
.border{ border-color:#BC474B }
```

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



Here you see how a box with a 4 pixel `#BC474B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC474B; -webkit-box-shadow:4px 4px  
4px 4px #BC474B; box-shadow:4px 4px 4px  
4px #BC474B }
```

# Background

The CSS property to change the background color of an element to Decimal 12339019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC474B }
```

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

```
.background{ background-color:#BC474B }
```

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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