

# Converting Colors

Decimal(12390187)

Have a look what the booklet for  
Decimal(12390187) contains.

<b>Decimal(12390187)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12390187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD0F2B
RGB	189, 15, 43
RGB Percent	74%, 6%, 17%
CMY	0.2588, 0.9412, 0.8314
CMYK	0.00, 0.92, 0.77, 0.26
HSL	350°, 85%, 40%
HSV	350°, 92%, 74%
XYZ	21.5931, 11.3349, 3.3353
YIQ	70.2180, 94.7160, 45.5960

# Conversions

## Conversions Part 2

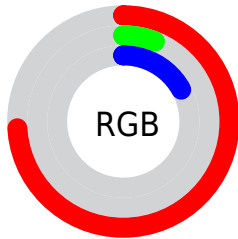
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 15, 43
Decimal	12390187
CIELab	40.14, 63.11, 34.21
CIELCh	40, 71.790, 28.462
Yxy	11.3349, 0.5955, 0.3126
Android (android.graphics.Color)	4290580267 (0xFFBD0F2B)
YUV	70.2180, -13.4185, 104.1718
Hunter-Lab	33.6673, 55.5664, 17.6935

# Details

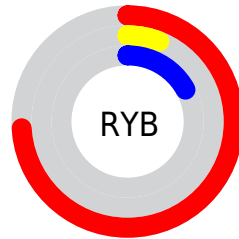
The Decimal color **12390187** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **1031585**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **16602969**, and **8323072** is the 20% darker color. If you saturate the color by 10%, you get **12386334**, and if you desaturate by 10%, it is **12395067**.

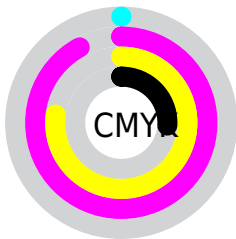
# Distribution



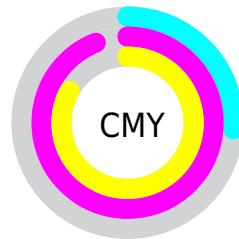
- Red (74%)
- Green (6%)
- Blue (17%)



- Red (74%)
- Yellow (6%)
- Blue (17%)



- Cyan (0%)
- Magenta (92%)
- Yellow (77%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12390187 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 12390187 by changing the saturation by 10% instead.



 12390187

 12390187

16777215

 10354710

 16602969

 8323072

 16741233

 6291456

 16748683

 4456451

 16756133

 2228225

 16763584

 0

 16771036

 16777209

 12390187

 12390187

■ 12386334

■ 12395067

■ 12399947

■ 12404827

■ 12409706

■ 12414586

■ 12419210

■ 12424090

■ 12428970

■ 12433850

# Harmonies

## Analogous

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



12517476



12390187



10633216

# Triad

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



12390187



29464



26838

# Complementary

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



12390187



1031585

# 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.



29635



12390187



30298

# Square

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



12390187



3959552



30613



4804807

# Rectangle

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



12390187



8868864



30613



28115



# Sweetspot

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



12390187



16101563



10489789



8016215



16448250



8026746



# Same Dimension

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



12390187



16056359



12405007



6182230



10354713



2031621



# Inverse Universe

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



12390187



16056359



1016765



6182230



10354713



2031621



# Previews

## White Background



This preview shows how the Decimal color 12390187 looks on a white background.

## Color Contrast Check

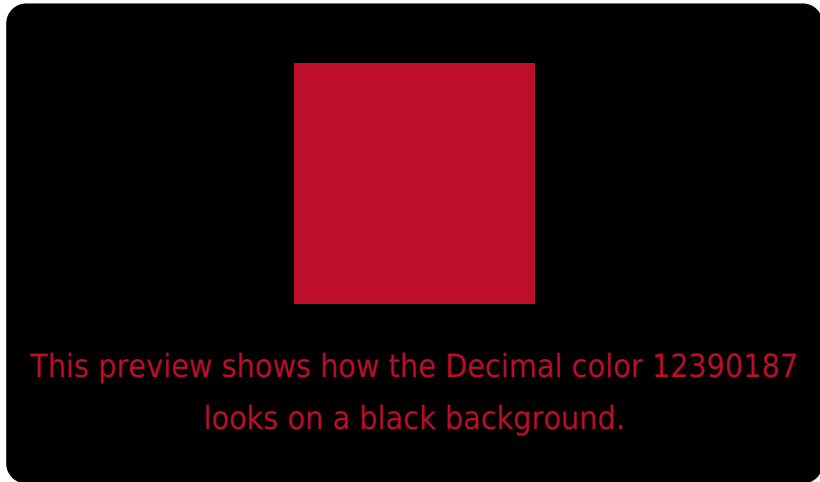
Large Text (above 18pt) WCAG AA ✓ Pass

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 12390187 Background



This preview shows how black text looks on a background with the Decimal color 12390187.

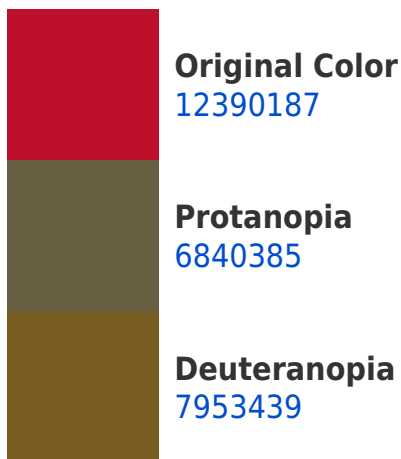


This preview shows how white text looks on a background with the Decimal color 12390187.

# 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**  
12390187

**Protanomaly**  
8864569

**Deuteranomaly**  
9584675

**Tritanomaly**  
12391194

# Monochromacy



**Original Color**  
12390187

**Achromatopsia**  
4605510

**Achromatomaly**  
7418428

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12390187 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 #BD0F2B looks like.

```
.text, #text, p{  
  color:#BD0F2B  
}
```

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 #BD0F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0F2B
}
```

## Border

The CSS property to change the border of an element to Decimal 12390187 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".

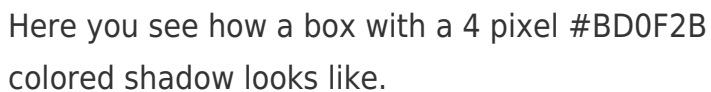
```
.border, #border, table{ border:4px solid
#BD0F2B }
```

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

```
.border{ border-color:#BD0F2B }
```

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

Here you see how a box with a 4 pixel #BD0F2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0F2B; -webkit-box-shadow:4px 4px  
4px 4px #BD0F2B; box-shadow:4px 4px 4px  
4px #BD0F2B }
```

# Background

The CSS property to change the background color of an element to Decimal 12390187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0F2B }
```

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

```
.background{ background-color:#BD0F2B }
```

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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