

# Converting Colors

Decimal(12197448)

Have a look what the booklet for  
Decimal(12197448) contains.

<b>Decimal(12197448)</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(12197448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA1E48
RGB	186, 30, 72
RGB Percent	73%, 12%, 28%
CMY	0.2706, 0.8824, 0.7176
CMYK	0.00, 0.84, 0.61, 0.27
HSL	344°, 72%, 42%
HSV	344°, 84%, 73%
XYZ	21.8837, 11.8355, 7.2620
YIQ	81.4320, 79.4940, 46.1340

# Conversions

## Conversions Part 2

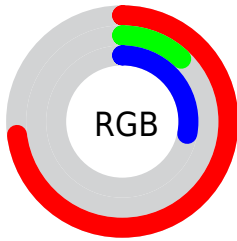
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 30, 72
Decimal	12197448
CIE <sub>Lab</sub>	40.95, 60.96, 17.09
CIE <sub>LCh</sub>	41, 63.313, 15.658
Yxy	11.8355, 0.5340, 0.2888
Android (android.graphics.Color)	4290387528 (0xFFBA1E48)
YUV	81.4320, -4.6500, 91.7061
Hunter-Lab	34.4028, 53.3392, 11.5666

# Details

The Decimal color **12197448** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2013840**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16276856**, and **8192029** is the 20% darker color. If you saturate the color by 10%, you get **12192570**, and if you desaturate by 10%, it is **12202326**.

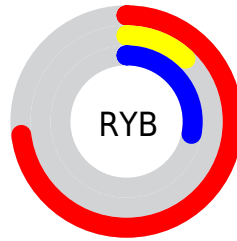
# Distribution



Red (73%)

Green (12%)

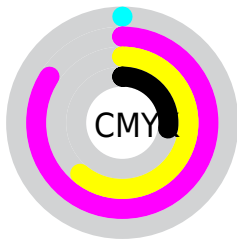
Blue (28%)



Red (73%)

Yellow (12%)

Blue (28%)

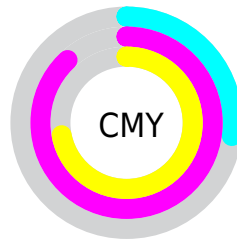


Cyan (0%)

Magenta (84%)

Yellow (61%)

Black (27%)



Cyan (27%)

Magenta (88%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12197448 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 12197448 by changing the saturation by 10% instead.



 12197448  12197448

16777215  10223666

 16276856  8192029

 16743058  6291460


 16750252  4456451

 16757703  2359297

 16765155  0

 16772607

 12197448  12197448

 12192570  12202326

■ 12189746

■ 12206947

■ 12211825

■ 12216446

■ 12221324

■ 12226202

■ 12230823

■ 12235701

■ 12240322

# Harmonies

## Analogous

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



11478140



12197448



11221781

# Triad

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



12197448



1077510



28358

# Complementary

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



12197448



2013840

# 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.



30122



12197448



30021

# Square

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



12197448



6121216



30587



24262

# Rectangle

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



12197448



9850112



30587



29120



# Sweetspot

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



12197448



15906502



9313978



8017504



16448250



8026746



# Same Dimension

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



12197448



15859777



12206110



6050645



10223658



1835016



# Inverse Universe

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



12197448



15859777



2005178



6050645



10223658



1835016



# Previews

## White Background



This preview shows how the Decimal color 12197448 looks on a white background.

## Color Contrast Check

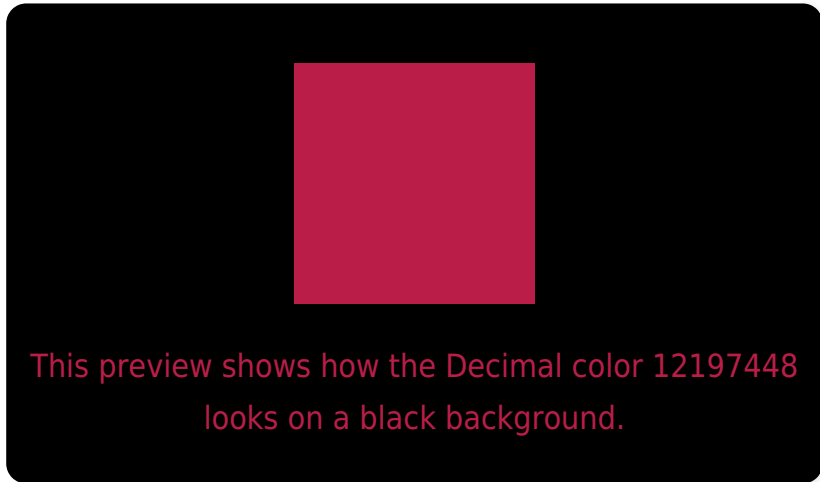
Large Text (above 18pt) WCAG AA ✓ Pass

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 12197448 Background



This preview shows how black text looks on a background with the Decimal color 12197448.

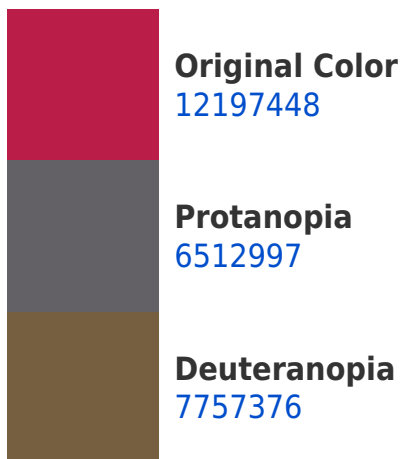


This preview shows how white text looks on a background with the Decimal color 12197448.

# 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**  
12197448

**Protanomaly**  
8603994

**Deuteranomaly**  
9389891

**Tritanomaly**  
12133427

# Monochromacy



**Original Color**  
12197448

**Achromatopsia**  
5329233

**Achromatomaly**  
7814734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12197448 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 #BA1E48 looks like.

```
.text, #text, p{  
  color:#BA1E48  
}
```

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 #BA1E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1E48
}
```

## Border

The CSS property to change the border of an element to Decimal 12197448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

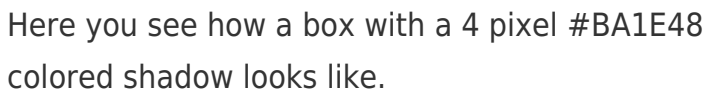
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA1E48 }
```

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

```
.border{ border-color:#BA1E48 }
```

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



Here you see how a box with a 4 pixel `#BA1E48` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1E48; -webkit-box-shadow:4px 4px  
4px 4px #BA1E48; box-shadow:4px 4px 4px  
4px #BA1E48 }
```

# Background

The CSS property to change the background color of an element to Decimal 12197448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1E48 }
```

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

```
.background{ background-color:#BA1E48 }
```

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