

# Converting Colors

Decimal(12149096)

Have a look what the booklet for  
Decimal(12149096) contains.

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# Color

**Decimal(12149096)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                               |
|---------------|--|
| Hex           | <a href="#">B96168</a>                     |
| RGB           | <a href="#">185, 97, 104</a>               |
| RGB Percent   | <a href="#">73%, 38%, 41%</a>              |
| CMY           | <a href="#">0.2745, 0.6196, 0.5922</a>     |
| CMYK          | <a href="#">0.00, 0.48, 0.44, 0.27</a>     |
| HSL           | <a href="#">355°, 39%, 55%</a>             |
| HSV           | <a href="#">355°, 48%, 73%</a>             |
| XYZ           | <a href="#">26.7810, 19.8632, 15.5192</a>  |
| YIQ           | <a href="#">124.1100, 50.2010, 20.8330</a> |

# Conversions

## Conversions Part 2

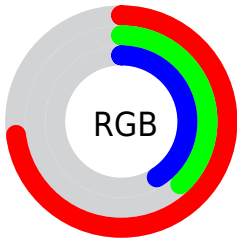
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 185, 97, 104                  |
| Decimal                             | 12149096                      |
| CIE Lab                             | 51.68, 36.06, 12.22           |
| CIE LCh                             | 52, 38.074, 18.723            |
| Yxy                                 | 19.8632, 0.4308,<br>0.3195    |
| Android<br>(android.graphics.Color) | 4290339176<br>(0xFFB96168)    |
| YUV                                 | 124.1100, -9.9142,<br>53.4005 |
| Hunter-Lab                          | 44.5681, 29.2665,<br>10.5522  |

# Details

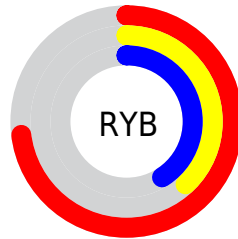
The Decimal color **12149096** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6404530**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16029083**, and **8400697** is the 20% darker color. If you saturate the color by 10%, you get **12144215**, and if you desaturate by 10%, it is **12153721**.

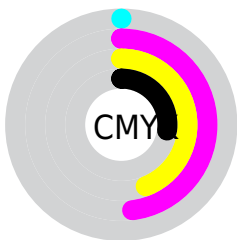
# Distribution



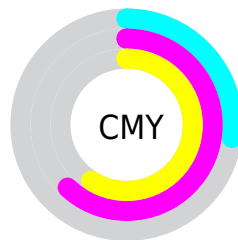
- Red (73%)
- Green (38%)
- Blue (41%)



- Red (73%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12149096 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 12149096 by changing the saturation by 10% instead.



 12149096

 12149096

16777215

 10242128

 16029083

 8400697

 16757174

 6624548

 16764369

 4849679

 16771566

 3276801

 65536

 0


 12149096

 12149096


 12144215

 12153721


 12139590

 12158602

 12134709

 12163483

 12130084

 12168108

 12125203

 12172733

 12124175

 12177614

 12182495

 12187120

 12189695

# Harmonies

## Analogous

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



11690633



12149096



11561291

# Triad

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



12149096



5605199



1999547

# Complementary

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



12149096



6404530

# 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.



35243



12149096



1870701

# Square

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



12149096



8093755



35983



6977465

# Rectangle

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



12149096



10645822



35983



34231



# Sweetspot

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



12149096



15781585



11690425



7889765



16250871



7895160



# Same Dimension

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



12149096



15755122



12158561



6050643



10223628



1835010



# Inverse Universe

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



12149096



15755122



6395065



6050643



10223628

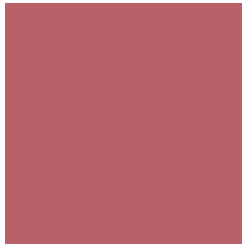


1835010



# Previews

## White Background



This preview shows how the Decimal color 12149096 looks on a white background.

## Color Contrast Check

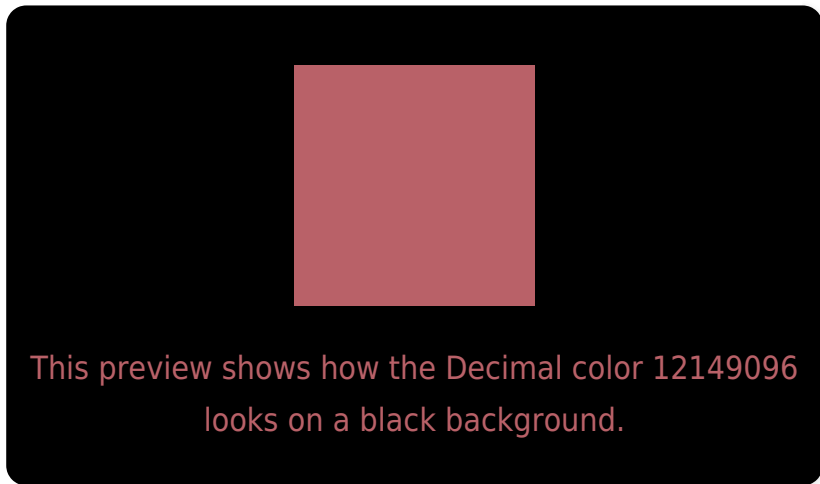
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12149096 Background



This preview shows how black text looks on a background with the Decimal color 12149096.




This preview shows how white text looks on a background with the Decimal color 12149096.

# 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**  
12149096

# Trichromacy



**Original Color**  
12149096

**Protanomaly**  
9728624

**Deuteranomaly**  
10448741

**Tritanomaly**  
12149096

# Monochromacy



**Original Color**  
12149096

**Achromatopsia**  
8158332

**Achromatomaly**  
9597557

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12149096 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 #B96168 looks like.

```
.text, #text, p{  
    color:#B96168  
}
```

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 #B96168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96168
}
```

## Border

The CSS property to change the border of an element to Decimal 12149096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

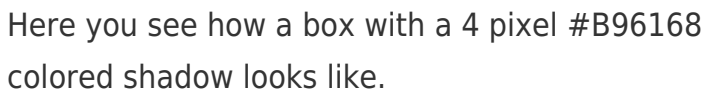
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B96168 }
```

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

```
.border{ border-color:#B96168 }
```

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



Here you see how a box with a 4 pixel #B96168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96168; -webkit-box-shadow:4px 4px  
4px 4px #B96168; box-shadow:4px 4px 4px  
4px #B96168 }
```

# Background

The CSS property to change the background color of an element to Decimal 12149096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96168 }
```

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

```
.background{ background-color:#B96168 }
```

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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