

# Converting Colors

Decimal(11757451)

Have a look what the booklet for  
Decimal(11757451) contains.

<b>Decimal(11757451)</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(11757451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B3678B</b>
RGB	<b>179, 103, 139</b>
RGB Percent	<b>70%, 40%, 55%</b>
CMY	<b>0.2980, 0.5961, 0.4549</b>
CMYK	<b>0.00, 0.42, 0.22, 0.30</b>
HSL	<b>332°, 33%, 55%</b>
HSV	<b>332°, 42%, 70%</b>
XYZ	<b>28.1009, 21.1483, 27.0270</b>
YIQ	<b>129.8280, 33.7400, 27.3080</b>

# Conversions

## Conversions Part 2

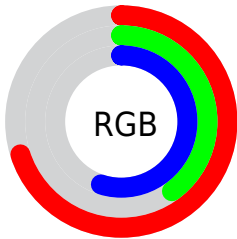
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 103, 139
Decimal	11757451
CIE <sub>Lab</sub>	53.11, 35.20, -6.53
CIE <sub>LCh</sub>	53, 35.799, 349.482
Yxy	21.1483, 0.3684, 0.2773
Android (android.graphics.Color)	4289947531 (0xFFB3678B)
YUV	129.8280, 4.5218, 43.1238
Hunter-Lab	45.9873, 28.5960, -2.6541

# Details

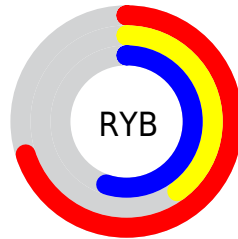
The Decimal color **11757451** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6796175**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **15506624**, and **8140121** is the 20% darker color. If you saturate the color by 10%, you get **11752834**, and if you desaturate by 10%, it is **11762068**.

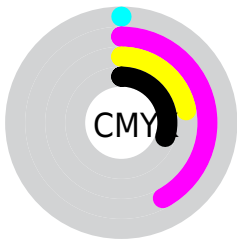
# Distribution



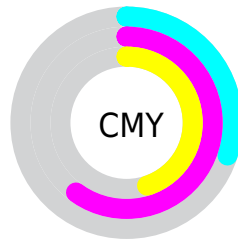
- Red (70%)
- Green (40%)
- Blue (55%)



- Red (70%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (30%)



- Cyan (30%)
- Magenta (60%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11757451 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 11757451 by changing the saturation by 10% instead.




 11757451       11757451

16777215       9916018

 15506624       8140121


 16758748       6429762

 16765945       4718636

 16773375       3211287

 917504

 0

 11757451       11757451

 11752834       11762068

11748216

11766686

11743599

11771303

11738981

11775921

11734620

11780538

11731029

11784900

11789517

11794134

11796448

# Harmonies

## Analogous

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



10186663



11757451



12216172

# Triad

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



11757451



8291139



36013

# Complementary

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



11757451



6796175

# 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.



36754



11757451



5999190

# Square

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



11757451



10189122



2920051



3442107

# Rectangle

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



11757451



11889497



2920051



36261



# Sweetspot

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



11757451



15256280



9332659



7693163



16119285



7697781



# Same Dimension

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



11757451



15233706



11757671



5853269



10027080



1703948



# Inverse Universe

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



11757451



15233706



6795955



5853269



10027080

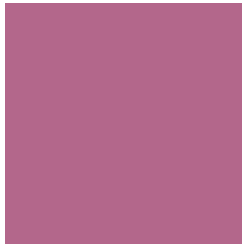


1703948



# Previews

## White Background



This preview shows how the Decimal color 11757451 looks on a white background.

## Color Contrast Check

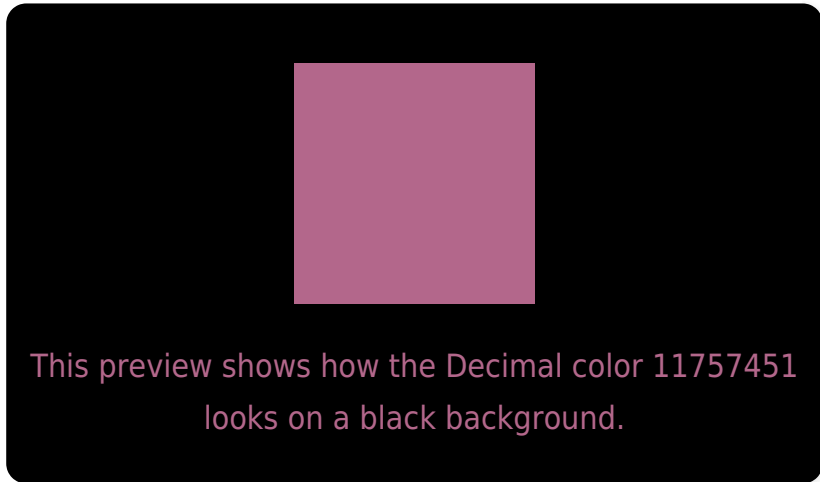
Large Text (above 18pt) WCAG AA ✓ Pass

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 11757451 Background



This preview shows how black text looks on a background with the Decimal color 11757451.




This preview shows how white text looks on a background with the Decimal color 11757451.

# 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**  
11627379

# Trichromacy



**Original Color**  
11757451

**Protanomaly**  
9336469

**Deuteranomaly**  
9991304

**Tritanomaly**  
11692668

# Monochromacy



**Original Color**  
11757451

**Achromatopsia**  
8553090

**Achromatomaly**  
9730181

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11757451 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 #B3678B looks like.

```
.text, #text, p{  
    color:#B3678B  
}
```

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 #B3678B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3678B
}
```

## Border

The CSS property to change the border of an element to Decimal 11757451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

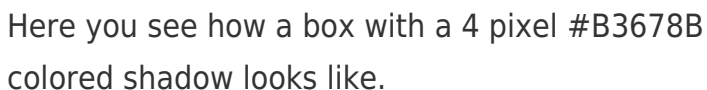
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3678B }
```

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

```
.border{ border-color:#B3678B }
```

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



Here you see how a box with a 4 pixel #B3678B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3678B; -webkit-box-shadow:4px 4px  
4px 4px #B3678B; box-shadow:4px 4px 4px  
4px #B3678B }
```

# Background

The CSS property to change the background color of an element to Decimal 11757451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3678B }
```

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

```
.background{ background-color:#B3678B }
```

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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