

# Converting Colors

Decimal(11757204)

Have a look what the booklet for  
Decimal(11757204) contains.

<b>Decimal(11757204)</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(11757204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B36694
RGB	179, 102, 148
RGB Percent	70%, 40%, 58%
CMY	0.2980, 0.6000, 0.4196
CMYK	0.00, 0.43, 0.17, 0.30
HSL	324°, 34%, 55%
HSV	324°, 43%, 70%
XYZ	28.6871, 21.2246, 30.6017
YIQ	130.2670, 31.1260, 30.6300

# Conversions

## Conversions Part 2

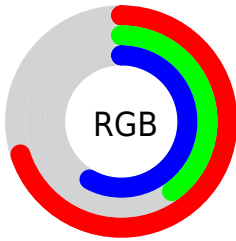
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 102, 148
Decimal	11757204
CIE Lab	53.19, 37.14, -11.71
CIE LCh	53, 38.941, 342.507
Yxy	21.2246, 0.3563, 0.2636
Android (android.graphics.Color)	4289947284 (0xFFB36694)
YUV	130.2670, 8.7424, 42.7388
Hunter-Lab	46.0701, 30.5261, -7.1339

# Details

The Decimal color **11757204** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6730629**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **15506378**, and **8139873** is the 20% darker color. If you saturate the color by 10%, you get **11752589**, and if you desaturate by 10%, it is **11761819**.

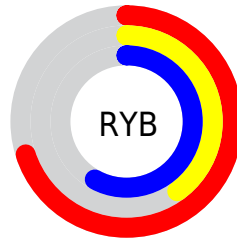
# Distribution



Red (70%)

Green (40%)

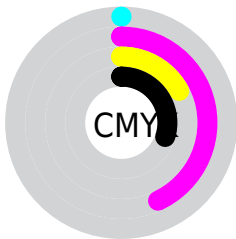
Blue (58%)



Red (70%)

Yellow (40%)

Blue (58%)

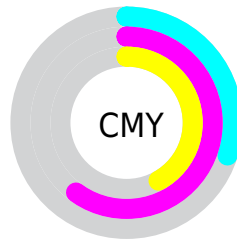


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (60%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11757204 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 11757204 by changing the saturation by 10% instead.



 11757204

 11757204

16777215

 9915770

 15506378

 8139873

 16758502

 6429513

 16765695

 4784179

 16773119

 3211294

 1179648

 0

 11757204

 11757204

 11752589

 11761819

11747974

11766434

11743358

11771050

11738743

11775665

11734384

11780280

11731051

11784639

11789254

11793870

11796437

# Harmonies

## Analogous

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



9728433



11757204



12542834

# Triad

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



11757204



8815163



36523

# Complementary

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



11757204



6730629

# 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.



37004



11757204



6392396

# Square

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



11757204



10778175



3116906



35006

# Rectangle

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



11757204



12347229



3116906



36770



# Sweetspot

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



11757204



15256284



8742579



7693166



16119285



7697781



# Same Dimension

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



11757204



15232951



11757166



5853270



10027099



1703951



# Inverse Universe

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



11757204



15232951



6730667



5853270



10027099

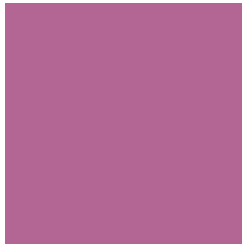


1703951



# Previews

## White Background



This preview shows how the Decimal color 11757204 looks on a white background.

## Color Contrast Check

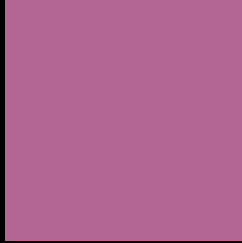
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 11757204 looks on a 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 11757204 Background



This preview shows how black text looks on a background with the Decimal color 11757204.




This preview shows how white text looks on a background with the Decimal color 11757204.

# 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**  
11562100

# Trichromacy



**Original Color**

11757204



**Protanomaly**

9205151



**Deuteranomaly**

9794705



**Tritanomaly**

11627136

# Monochromacy



**Original Color**

11757204



**Achromatopsia**

8553090



**Achromatomaly**

9730185

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11757204 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 #B36694 looks like.

```
.text, #text, p{  
    color:#B36694  
}
```

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 #B36694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B36694
}
```

## Border

The CSS property to change the border of an element to Decimal 11757204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

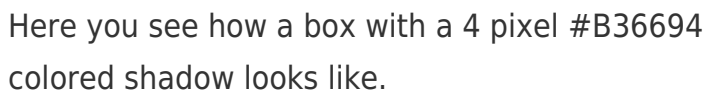
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B36694 }
```

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

```
.border{ border-color:#B36694 }
```

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



Here you see how a box with a 4 pixel #B36694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B36694; -webkit-box-shadow:4px 4px  
4px 4px #B36694; box-shadow:4px 4px 4px  
4px #B36694 }
```

# Background

The CSS property to change the background color of an element to Decimal 11757204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B36694 }
```

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

```
.background{ background-color:#B36694 }
```

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