

# Converting Colors

Decimal(11617470)

Have a look what the booklet for  
Decimal(11617470) contains.

<b>Decimal(11617470)</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(11617470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B144BE
RGB	177, 68, 190
RGB Percent	69%, 27%, 75%
CMY	0.3059, 0.7333, 0.2549
CMYK	0.07, 0.64, 0.00, 0.25
HSL	294°, 48%, 51%
HSV	294°, 64%, 75%
XYZ	29.4928, 17.1991, 50.4805
YIQ	114.4990, 25.8020, 61.0500

# Conversions

## Conversions Part 2

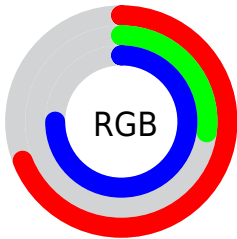
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 68, 190
Decimal	11617470
CIE <sub>Lab</sub>	48.51, 60.44, -43.57
CIE <sub>LCh</sub>	49, 74.509, 324.215
Yxy	17.1991, 0.3035, 0.1770
Android (android.graphics.Color)	4289807550 (0xFFB144BE)
YUV	114.4990, 37.2220, 54.8134
Hunter-Lab	41.4718, 54.3656, -43.1391

# Details

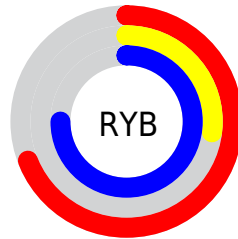
The Decimal color **11617470** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5357124**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **15432695**, and **7929992** is the 20% darker color. If you saturate the color by 10%, you get **11481534**, and if you desaturate by 10%, it is **11753406**.

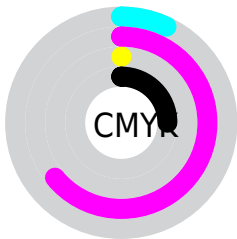
# Distribution



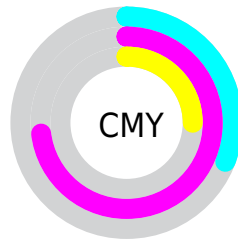
- Red (69%)
- Green (27%)
- Blue (75%)



- Red (69%)
- Yellow (27%)
- Blue (75%)



- Cyan (7%)
- Magenta (64%)
- Yellow (0%)
- Black (25%)




















- Cyan (31%)
- Magenta (73%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11617470 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 11617470 by changing the saturation by 10% instead.



 11617470	 11617470
16777215	 9774755
 15432695	 7929992
 16750591	 6160494
 16757759	 4390997
 16765183	 2818109
 16772607	 38
	 271
	 0
 11617470	 11617470

■ 11481534

■ 11753406

■ 11345598

■ 11889342

■ 11209662

■ 12025278

■ 11141310

■ 12161214

■ 12297150

■ 12433086

■ 12569022

■ 12704958

■ 12840894

# Harmonies

## Analogous

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



4942056



11617470



14293634

# Triad

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



11617470



9858048



36518

# Complementary

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



11617470



5357124

# 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.



36197



11617470



5996288

# Square

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



11617470



12799744



35103



35802

# Rectangle

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



11617470



14621272



35103



36497



# Sweetspot

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



11617470



15911159



4477630



8020093



16579836



8224125



# Same Dimension

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



11617470



14891511



12469391



6116702



9240734



1769503



# Inverse Universe

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



12469329



16202061



4505203



6182230



10354705



2031619



# Previews

## White Background



This preview shows how the Decimal color 11617470 looks on a white background.

## Color Contrast Check

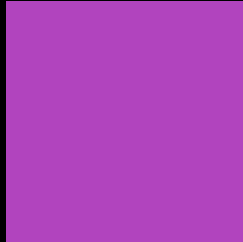
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11617470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

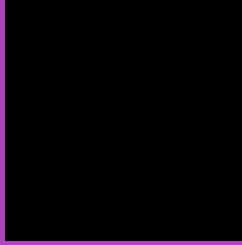
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11617470 Background



This preview shows how black text looks on a background with the Decimal color 11617470.

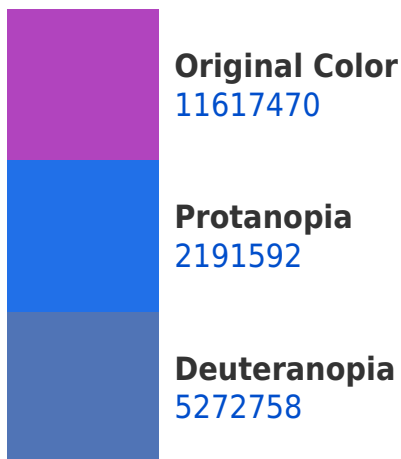



This preview shows how white text looks on a background with the Decimal color 11617470.

# 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



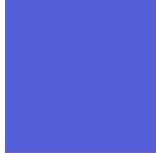


**Tritanopia**  
10903398

# Trichromacy



**Original Color**  
11617470



**Protanomaly**  
5595353



**Deuteranomaly**  
7562169



**Tritanomaly**  
11163014

# Monochromacy



**Original Color**  
11617470



**Achromatopsia**  
7500402



**Achromatomaly**  
9003406

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11617470 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 #B144BE looks like.

```
.text, #text, p{  
    color:#B144BE  
}
```

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 #B144BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B144BE
}
```

## Border

The CSS property to change the border of an element to Decimal 11617470 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".

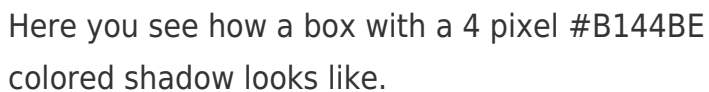
```
.border, #border, table{ border:4px solid
#B144BE }
```

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

```
.border{ border-color:#B144BE }
```

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

Here you see how a box with a 4 pixel #B144BE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B144BE; -webkit-box-shadow:4px 4px  
4px 4px #B144BE; box-shadow:4px 4px 4px  
4px #B144BE }
```

# Background

The CSS property to change the background color of an element to Decimal 11617470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B144BE }
```

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

```
.background{ background-color:#B144BE }
```

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