

# Converting Colors

Decimal(11744947)

Have a look what the booklet for  
Decimal(11744947) contains.

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**Color**

**Decimal(11744947)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B336B3</a>
RGB	<a href="#">179, 54, 179</a>
RGB Percent	<a href="#">70%, 21%, 70%</a>
CMY	<a href="#">0.2980, 0.7882, 0.2980</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.70, 0.00, 0.30</a>
HSL	<a href="#">300°, 54%, 46%</a>
HSV	<a href="#">300°, 70%, 70%</a>
XYZ	<a href="#">28.0463, 15.4767, 44.1569</a>
YIQ	<a href="#">105.6250, 34.3750, 65.3750</a>

# Conversions

## Conversions Part 2

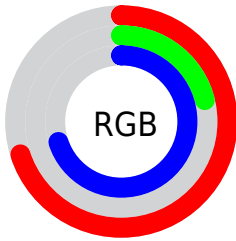
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 54, 179
Decimal	11744947
CIE <sub>Lab</sub>	46.28, 64.43, -40.66
CIE <sub>LCh</sub>	46, 76.183, 327.744
Yxy	15.4767, 0.3199, 0.1765
Android (android.graphics.Color)	4289935027 (0xFFB336B3)
YUV	105.6250, 36.1739, 64.3499
Hunter-Lab	39.3405, 58.4089, -39.0106

# Details

The Decimal color **11744947** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3584822**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **15626475**, and **7995518** is the 20% darker color. If you saturate the color by 10%, you get **11740339**, and if you desaturate by 10%, it is **11749555**.

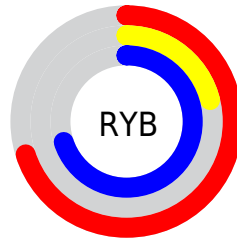
# Distribution



Red (70%)

Green (21%)

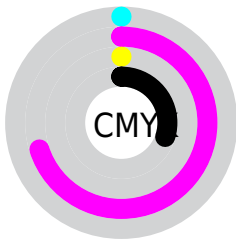
Blue (70%)



Red (70%)

Yellow (21%)

Blue (70%)

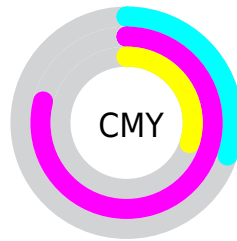


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (30%)



Cyan (30%)

Magenta (79%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11744947 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 11744947 by changing the saturation by 10% instead.





11744947



11744947

16777215



9834648



15626475



7995518



16747775



6226020



16754943



4456524



16762367



2818100



16769791



30



0



11744947



11744947



11740339



11749555

■ 11735731

■ 11754163

■ 11731123

■ 11758771

■ 11763379

■ 11767987

■ 11772339

■ 11776947

■ 11781555

■ 11786163

# Harmonies

## Analogous

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



5595104



11744947



14090357

# Triad

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



11744947



9071104



34984

# Complementary

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



11744947



3584822

# 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.



34919



11744947



4881152

# Square

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



11744947



12143616



33824



34010

# Rectangle

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



11744947



14288203



33824



34963



# Sweetspot

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



11744947



15251432



3552947



7690357



16119285



7697781



# Same Dimension

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



11744947



15214056



11744885



5853273



10027161



1703962



# Inverse Universe

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



11744947



15214056



3584885



5853273



10027161



1703962



# Previews

## White Background



This preview shows how the Decimal color 11744947 looks on a white background.

## Color Contrast Check

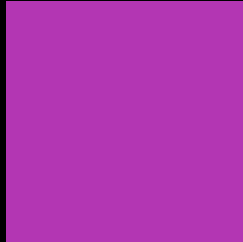
Large Text (above 18pt) WCAG AA ✓ Pass

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 11744947 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

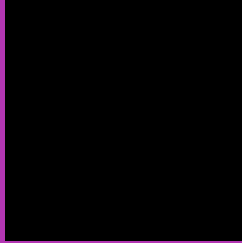
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11744947 Background



This preview shows how black text looks on a background with the Decimal color 11744947.

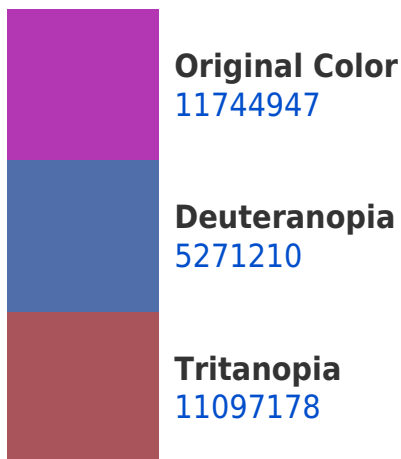


This preview shows how white text looks on a background with the Decimal color 11744947.

# 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**  
11744947

**Deuteranomaly**  
7625389

**Tritanomaly**  
11356538

# Monochromacy



**Original Color**  
11744947

**Achromatopsia**  
6974058

**Achromatomaly**  
8738693

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11744947 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 #B336B3 looks like.

```
.text, #text, p{  
  color:#B336B3  
}
```

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 #B336B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B336B3
}
```

## Border

The CSS property to change the border of an element to Decimal 11744947 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
#B336B3 }
```

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

```
.border{ border-color:#B336B3 }
```

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

Here you see how a box with a 4 pixel #B336B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B336B3; -webkit-box-shadow:4px 4px  
4px 4px #B336B3; box-shadow:4px 4px 4px  
4px #B336B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 11744947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B336B3 }
```

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

```
.background{ background-color:#B336B3 }
```

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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