

# Converting Colors

Decimal(11731162)

Have a look what the booklet for  
Decimal(11731162) contains.

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**Color**

**Decimal(11731162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B300DA
RGB	179, 0, 218
RGB Percent	70%, 0%, 85%
CMY	0.2980, 1.0000, 0.1451
CMYK	0.18, 1.00, 0.00, 0.15
HSL	289°, 100%, 43%
HSV	289°, 100%, 85%
XYZ	31.2453, 14.6457, 67.5098
YIQ	78.3730, 36.7060, 105.7460

# Conversions

## Conversions Part 2

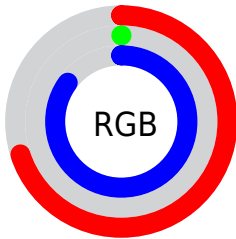
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 0, 218
Decimal	11731162
CIE <sub>Lab</sub>	45.15, 81.52, -65.12
CIE <sub>LCh</sub>	45, 104.339, 321.382
Yxy	14.6457, 0.2755, 0.1291
Android (android.graphics.Color)	4289921242 (0xFFB300DA)
YUV	78.3730, 68.8361, 88.2499
Hunter-Lab	38.2697, 78.7646, -77.8020

# Details

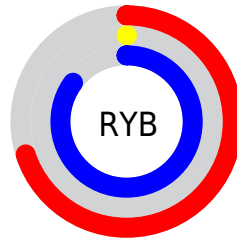
The Decimal color **11731162** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **2611712**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **15686143**, and **7864482** is the 20% darker color. If you saturate the color by 10%, you get **11731162**, and if you desaturate by 10%, it is **11998938**.

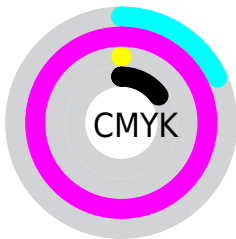
# Distribution



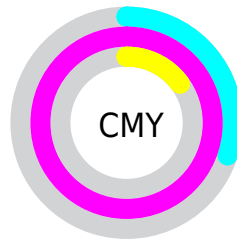
- Red (70%)
- Green (0%)
- Blue (85%)



- Red (70%)
- Yellow (0%)
- Blue (85%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)





















- Cyan (30%)
- Magenta (100%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11731162 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 11731162 by changing the saturation by 10% instead.



 11731162	 11731162
 16777215	 9765054
 15686143	 7864482
 16742399	 5963911
 16750079	 3997805
 16757503	 1966163
 16765183	 59
 16772863	 548
	 12
	 0

■ 11731162

■ 11998938

■ 12266714

■ 12534234

■ 12802010

■ 13004250

■ 13272026

■ 13539802

■ 13807322

■ 14075098

# Harmonies

## Analogous

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



25087



11731162



15728776

# Triad

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



11731162



9920256



35753

# Complementary

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



11731162



2611712

# 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.



35150



11731162



4487424

# Square

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



11731162



13835776



33792



35573

# Rectangle

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



11731162



16253007



33792



35467



# Sweetspot

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



11731162



15840255



10458



7819904



0



8421504



# Same Dimension

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



11731162



13697279



14286997



7103342



9306285



2490414



# Inverse Universe

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



14286887



16711726



55877



7234405



11337759



3014664



# Previews

## White Background



This preview shows how the Decimal color 11731162 looks on a white background.

## Color Contrast Check

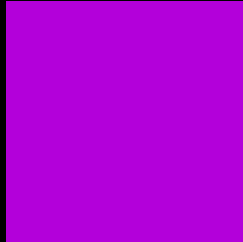
Large Text (above 18pt) WCAG AA ✓ Pass

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 11731162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

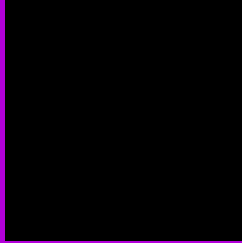
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11731162 Background



This preview shows how black text looks on a background with the Decimal color 11731162.

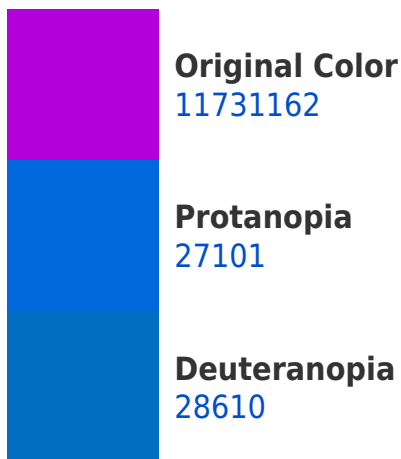


This preview shows how white text looks on a background with the Decimal color 11731162.

# 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**

11731162



**Protanomaly**

4277212



**Deuteranomaly**

4278219



**Tritanomaly**

11024010

# Monochromacy



**Original Color**

11731162



**Achromatopsia**

5131854



**Achromatomaly**

7549569

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11731162 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 #B300DA looks like.

```
.text, #text, p{  
    color:#B300DA  
}
```

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 #B300DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B300DA
}
```

## Border

The CSS property to change the border of an element to Decimal 11731162 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
#B300DA }
```

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

```
.border{ border-color:#B300DA }
```

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

Here you see how a box with a 4 pixel #B300DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B300DA; -webkit-box-shadow:4px 4px  
4px 4px #B300DA; box-shadow:4px 4px 4px  
4px #B300DA }
```

# Background

The CSS property to change the background color of an element to Decimal 11731162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B300DA }
```

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

```
.background{ background-color:#B300DA }
```

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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