

# Converting Colors

Decimal(11837158)

Have a look what the booklet for  
Decimal(11837158) contains.

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# **Color**

**Decimal(11837158)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B49EE6
RGB	180, 158, 230
RGB Percent	71%, 62%, 90%
CMY	0.2941, 0.3804, 0.0980
CMYK	0.22, 0.31, 0.00, 0.10
HSL	258°, 59%, 76%
HSV	258°, 31%, 90%
XYZ	45.3322, 39.8702, 80.1694
YIQ	172.7860, -10.0000, 27.0560

# Conversions

## Conversions Part 2

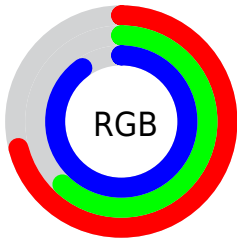
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 158, 230
Decimal	11837158
CIE <sub>Lab</sub>	69.38, 22.65, -33.40
CIE <sub>LCh</sub>	69, 40.353, 304.146
Yxy	39.8702, 0.2741, 0.2411
Android (android.graphics.Color)	4290027238 (0xFFB49EE6)
YUV	172.7860, 28.2065, 6.3267
Hunter-Lab	63.1428, 17.6506, -31.0776

# Details

The Decimal color **11837158** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13690526**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **15586815**, and **8284846** is the 20% darker color. If you saturate the color by 10%, you get **10782694**, and if you desaturate by 10%, it is **12891622**.

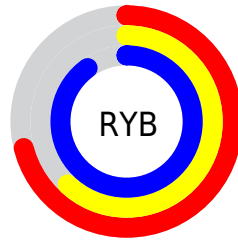
# Distribution



Red (71%)

Green (62%)

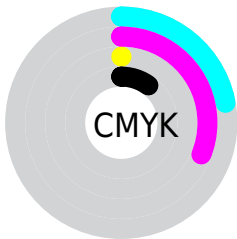
Blue (90%)



Red (71%)

Yellow (62%)

Blue (90%)

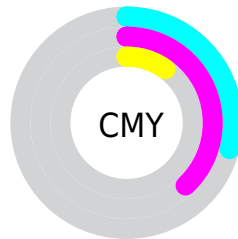


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (10%)



Cyan (29%)

Magenta (38%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11837158 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 11837158 by changing the saturation by 10% instead.



■ 11837158

■ 11837158

16777215

■ 10061002

■ 15586815

■ 8284846

■ 16773631

■ 6574739

■ 4930425

■ 3286368

■ 1642568

■ 262193

■ 283

■ 0

■ 11837158

■ 11837158

■ 10782694

■ 12891622

■ 9728230

■ 13946086

■ 8673766

■ 15000550

■ 7619302

■ 16055014

■ 6564838

■ 16777190

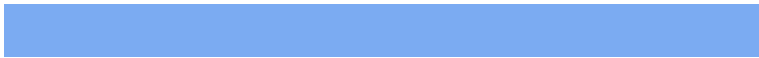
■ 5510374

■ 4587750

# Harmonies

## Analogous

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



8104946



11837158



14389962

# Triad

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



11837158



14392424



2932141

# Complementary

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



11837158



13690526

# 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.



6863496



11837158



12364127

# Square

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



11837158



15569282



9810795



48081

# Rectangle

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



11837158



15437234



9810795



4439201



# Sweetspot

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



11837158



15722751



10408166



7762304



0



8421504



# Same Dimension

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



11837158



12361471



14196454



7038835



3604659



1048627



# Inverse Universe

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



15113936



16752353



11331230



7563119



11731068

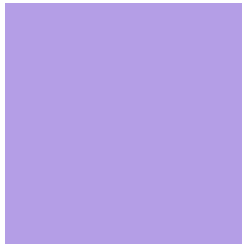


3342371



# Previews

## White Background



This preview shows how the Decimal color 11837158 looks on a white background.

## Color Contrast Check

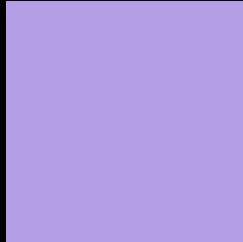
Large Text (above 18pt) WCAG AA × Fail

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 11837158 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 ✓ Pass

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



## Decimal 11837158 Background



This preview shows how black text looks on a background with the Decimal color 11837158.




This preview shows how white text looks on a background with the Decimal color 11837158.

# 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**  
11249845

# Trichromacy



**Original Color**  
11837158

**Protanomaly**  
10527978

**Deuteranomaly**  
10724581

**Tritanomaly**  
11445447

# Monochromacy



**Original Color**  
11837158

**Achromatopsia**  
11382189

**Achromatomaly**  
11577538

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11837158 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 #B49EE6 looks like.

```
.text, #text, p{  
    color:#B49EE6  
}
```

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 #B49EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49EE6
}
```

## Border

The CSS property to change the border of an element to Decimal 11837158 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
#B49EE6 }
```

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

```
.border{ border-color:#B49EE6 }
```

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

Here you see how a box with a 4 pixel #B49EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49EE6; -webkit-box-shadow:4px 4px  
4px 4px #B49EE6; box-shadow:4px 4px 4px  
4px #B49EE6 }
```

# Background

The CSS property to change the background color of an element to Decimal 11837158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49EE6 }
```

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

```
.background{ background-color:#B49EE6 }
```

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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