

# Converting Colors

Decimal(11826848)

Have a look what the booklet for  
Decimal(11826848) contains.

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# **Color**

**Decimal(11826848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B476A0
RGB	180, 118, 160
RGB Percent	71%, 46%, 63%
CMY	0.2941, 0.5373, 0.3725
CMYK	0.00, 0.34, 0.11, 0.29
HSL	319°, 29%, 58%
HSV	319°, 34%, 71%
XYZ	31.6460, 25.1982, 36.4535
YIQ	141.3260, 23.4700, 26.2060

# Conversions

## Conversions Part 2

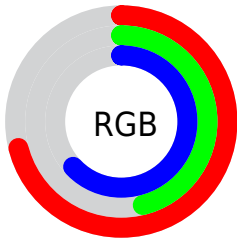
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 118, 160
Decimal	11826848
CIELab	57.27, 30.74, -12.55
CIELCh	57, 33.201, 337.789
Yxy	25.1982, 0.3392, 0.2701
Android (android.graphics.Color)	4290016928 (0xFFB476A0)
YUV	141.3260, 9.2063, 33.9171
Hunter-Lab	50.1978, 24.6847, -7.9177

# Details

The Decimal color **11826848** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7779466**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **15576023**, and **8275052** is the 20% darker color. If you saturate the color by 10%, you get **11822234**, and if you desaturate by 10%, it is **11831462**.

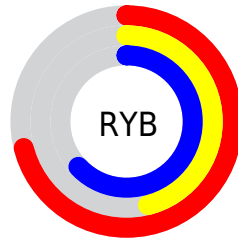
# Distribution



Red (71%)

Green (46%)

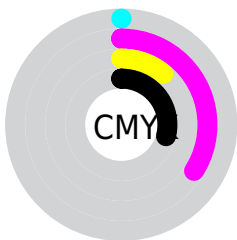
Blue (63%)



Red (71%)

Yellow (46%)

Blue (63%)

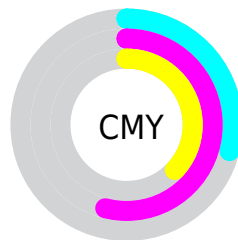


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (54%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11826848 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 11826848 by changing the saturation by 10% instead.



 11826848

 11826848

16777215

 10050950

 15576023

 8275052

 16762867

 6564948

 16770047

 4920637

 3342375

 1900562

 0

 11826848

 11826848

 11822234

 11831462

11817620

11836076

11813007

11840689

11808393

11845303

11803779

11849917

11799165

11854531

11796602

11859145

11861966

11861972

# Harmonies

## Analogous

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



9928631



11826848



12678019

# Triad

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



11826848



9800271



38828

# Complementary

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



11826848



7779466

# 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.



2464144



11826848



7770715

# Square

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



11826848



11436116



5412723



3576510

# Rectangle

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



11826848



12678512



5412723



39076



# Sweetspot

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



11826848



15455203



9074356



7694193



16119285



7697781



# Same Dimension

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



11826848



15436492



11826817



5853270



10027112



1703953



# Inverse Universe

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



11826848



15436492



7779497



5853270



10027112

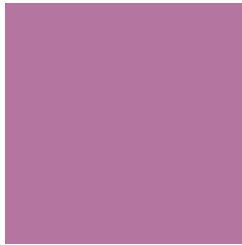


1703953



# Previews

## White Background



This preview shows how the Decimal color 11826848 looks on a white background.

## Color Contrast Check

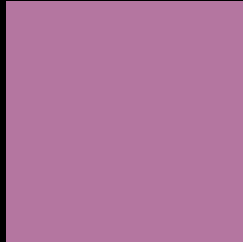
Large Text (above 18pt) WCAG AA ✓ Pass

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 11826848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

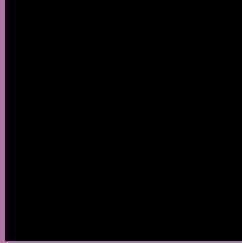
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11826848 Background



This preview shows how black text looks on a background with the Decimal color 11826848.




This preview shows how white text looks on a background with the Decimal color 11826848.

# 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**  
11631493

# Trichromacy



**Original Color**  
11826848

**Protanomaly**  
9732520

**Deuteranomaly**  
10256542

**Tritanomaly**  
11696527

# Monochromacy



**Original Color**  
11826848

**Achromatopsia**  
9276813

**Achromatomaly**  
10192276

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11826848 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 #B476A0 looks like.

```
.text, #text, p{  
    color:#B476A0  
}
```

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 #B476A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B476A0
}
```

## Border

The CSS property to change the border of an element to Decimal 11826848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

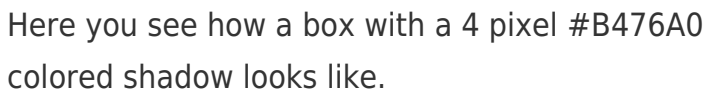
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B476A0 }
```

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

```
.border{ border-color:#B476A0 }
```

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



Here you see how a box with a 4 pixel #B476A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B476A0; -webkit-box-shadow:4px 4px  
4px 4px #B476A0; box-shadow:4px 4px 4px  
4px #B476A0 }
```

# Background

The CSS property to change the background color of an element to Decimal 11826848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B476A0 }
```

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

```
.background{ background-color:#B476A0 }
```

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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