

# Converting Colors

Decimal(11576000)

Have a look what the booklet for  
Decimal(11576000) contains.

<b>Decimal(11576000)</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(11576000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0A2C0
RGB	176, 162, 192
RGB Percent	69%, 64%, 75%
CMY	0.3098, 0.3647, 0.2471
CMYK	0.08, 0.16, 0.00, 0.25
HSL	268°, 19%, 69%
HSV	268°, 16%, 75%
XYZ	40.3393, 38.8765, 55.2470
YIQ	169.6060, -1.2860, 12.2980

# Conversions

## Conversions Part 2

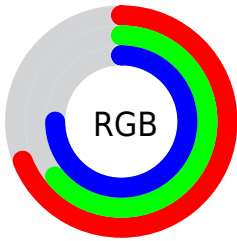
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">176, 162, 192</a>
Decimal	<a href="#">11576000</a>
CIELab	<a href="#">68.66, 10.83, -13.55</a>
CIElCh	<a href="#">69, 17.346, 308.631</a>
Yxy	<a href="#">38.8765, 0.3000, 0.2891</a>
Android (android.graphics.Color)	<a href="#">4289766080 (0xFFB0A2C0)</a>
YUV	<a href="#">169.6060, 11.0402, 5.6075</a>
Hunter-Lab	<a href="#">62.3511, 6.3698, -8.8890</a>

# Details

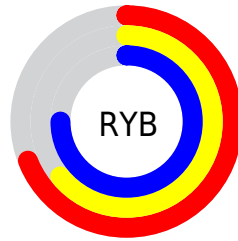
The Decimal color **11576000** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **11714722**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **15260152**, and **8089227** is the 20% darker color. If you saturate the color by 10%, you get **10915776**, and if you desaturate by 10%, it is **12236224**.

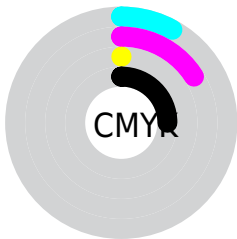
# Distribution



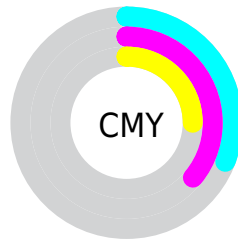
- Red (69%)
- Green (64%)
- Blue (75%)



- Red (69%)
- Yellow (64%)
- Blue (75%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (36%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11576000 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 11576000 by changing the saturation by 10% instead.



■ 11576000

■ 11576000

16777215

■ 9799845

■ 15260152

■ 8089227

■ 16774655

■ 6444657

■ 4865881

■ 3352897

■ 1971243

■ 23

■ 0

■ 11576000

■ 11576000

10915776

12236224

10255552

12896448

9529536

13622464

8869312

14282688

8209088

14942144

7548864

15597504

6823104

16318400

6162624

16777152

5898432

# Harmonies

## Analogous

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



10266566



11576000



12623539

# Triad

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



11576000



12493707



8434092

# Complementary

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



11576000



11714722

# 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.



9220252



11576000



11511945

# Square

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



11576000



13082261



10333583



8302778

# Rectangle

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



11576000



13016489



10333583



8630694



# Sweetspot

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



11576000



15986170



10662592



7959933



16579836



8224125



# Same Dimension

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



11576000



14797562



12559040



6051681



4915361



983073



# Inverse Universe

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



12624562



16435940



10731682



6379356



10551382



2162706



# Previews

## White Background



This preview shows how the Decimal color 11576000 looks on a white background.

## Color Contrast Check

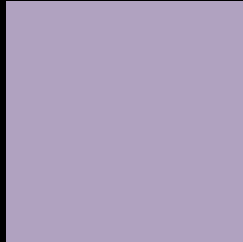
Large Text (above 18pt) WCAG AA × Fail

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 11576000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

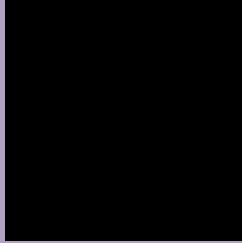
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11576000 Background



This preview shows how black text looks on a background with the Decimal color 11576000.



This preview shows how white text looks on a background with the Decimal color 11576000.

# 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



**Original Color**  
11576000

**Protanopia**  
10659523

**Deuteranopia**  
11314112



**Tritanopia**  
11445425

# Trichromacy



**Original Color**  
11576000

**Protanomaly**  
10986946

**Deuteranomaly**  
11379648

**Tritanomaly**  
11510710

# Monochromacy



**Original Color**  
11576000

**Achromatopsia**  
11184810

**Achromatomaly**  
11315122

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11576000 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 #B0A2C0 looks like.

```
.text, #text, p{  
    color:#B0A2C0  
}
```

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 #B0A2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A2C0
}
```

## Border

The CSS property to change the border of an element to Decimal 11576000 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
#B0A2C0 }
```

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

```
.border{ border-color:#B0A2C0 }
```

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

Here you see how a box with a 4 pixel #B0A2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A2C0; -webkit-box-shadow:4px 4px  
4px 4px #B0A2C0; box-shadow:4px 4px 4px  
4px #B0A2C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 11576000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A2C0 }
```

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

```
.background{ background-color:#B0A2C0 }
```

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