

# Converting Colors

Decimal(11962300)

Have a look what the booklet for  
Decimal(11962300) contains.

<b>Decimal(11962300)</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(11962300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B687BC
RGB	182, 135, 188
RGB Percent	71%, 53%, 74%
CMY	0.2863, 0.4706, 0.2627
CMYK	0.03, 0.28, 0.00, 0.26
HSL	293°, 28%, 63%
HSV	293°, 28%, 74%
XYZ	37.0325, 30.9039, 51.5902
YIQ	155.0950, 10.9990, 26.4470

# Conversions

## Conversions Part 2

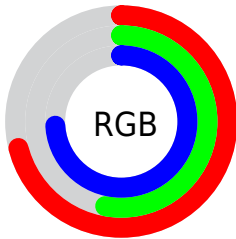
Format	Color
<a href="#">RYB</a>	<a href="#">182, 135, 188</a>
Decimal	<a href="#">11962300</a>
CIELab	<a href="#">62.43, 27.14, -20.70</a>
CIELCh	<a href="#">62, 34.137, 322.670</a>
Yxy	<a href="#">30.9039, 0.3098, 0.2586</a>
Android (android.graphics.Color)	<a href="#">4290152380 (0xFFB687BC)</a>
YUV	<a href="#">155.0950, 16.2222, 23.5957</a>
Hunter-Lab	<a href="#">55.5912, 21.6243, -16.1088</a>

# Details

The Decimal color **11962300** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9288839**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **15646196**, and **8410503** is the 20% darker color. If you saturate the color by 10%, you get **11826364**, and if you desaturate by 10%, it is **12098236**.

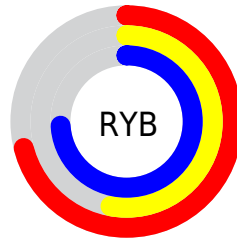
# Distribution



Red (71%)

Green (53%)

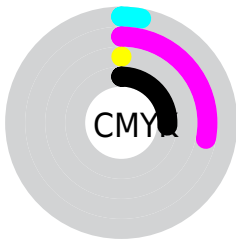
Blue (74%)



Red (71%)

Yellow (53%)

Blue (74%)

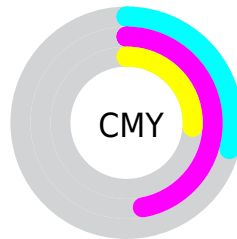


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (47%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11962300 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 11962300 by changing the saturation by 10% instead.



 11962300

 11962300

16777215

 10186145

 15646196

 8410503

 16767487

 6765933

 16774655

 5121621

 3542845

 2228263

 273

 0

 11962300

 11962300

 11826364

 12098236

 11690428

 12234172

 11554748

 12369852

 11353276

 12571324

 11217340

 12707260

 11081404

 12843196

 10945468

 12976060

 10944700

 13107132

 13238204

# Harmonies

## Analogous

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



9474767



11962300



13467808

# Triad

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



11962300



11703131



2009005

# Complementary

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



11962300



9288839

# 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.



4827022



11962300



9739358

# Square

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



11962300



13142120



7381873



2728902

# Rectangle

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



11962300



13795467



7381873



2926499



# Sweetspot

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



11962300



15983093



8883644



7958138



16448250



8026746



# Same Dimension

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



11962300



15442677



12355496



6116702



9175198



1769503



# Inverse Universe

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



12355469



16097963



8895643



6182230



10354706

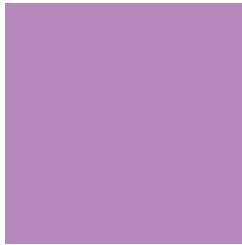


2031619



# Previews

## White Background



This preview shows how the Decimal color 11962300 looks on a white background.

## Color Contrast Check

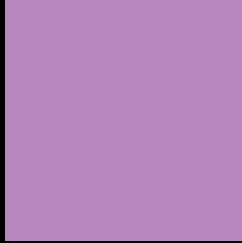
Large Text (above 18pt) WCAG AA × Fail

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 11962300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

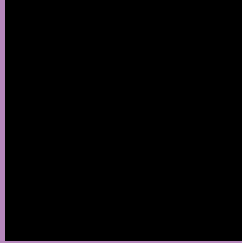
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11962300 Background



This preview shows how black text looks on a background with the Decimal color 11962300.




This preview shows how white text looks on a background with the Decimal color 11962300.

# 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**  
11636377

# Trichromacy



**Original Color**  
11962300

**Protanomaly**  
10129602

**Deuteranomaly**  
10588091

**Tritanomaly**  
11766694

# Monochromacy



**Original Color**  
11962300

**Achromatopsia**  
10197915

**Achromatomaly**  
10851495

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11962300 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 #B687BC looks like.

```
.text, #text, p{  
    color:#B687BC  
}
```

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 #B687BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B687BC
}
```

## Border

The CSS property to change the border of an element to Decimal 11962300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

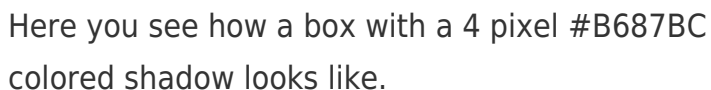
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B687BC }
```

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

```
.border{ border-color:#B687BC }
```

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



Here you see how a box with a 4 pixel #B687BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B687BC; -webkit-box-shadow:4px 4px  
4px 4px #B687BC; box-shadow:4px 4px 4px  
4px #B687BC }
```

# Background

The CSS property to change the background color of an element to Decimal 11962300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B687BC }
```

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

```
.background{ background-color:#B687BC }
```

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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