

# Converting Colors

Decimal(11901896)

Have a look what the booklet for  
Decimal(11901896) contains.

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# **Color**

**Decimal(11901896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59BC8
RGB	181, 155, 200
RGB Percent	71%, 61%, 78%
CMY	0.2902, 0.3922, 0.2157
CMYK	0.09, 0.23, 0.00, 0.22
HSL	275°, 29%, 70%
HSV	275°, 23%, 78%
XYZ	41.2027, 37.4366, 59.6979
YIQ	167.9040, 1.0510, 19.5070

# Conversions

## Conversions Part 2

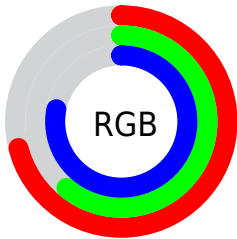
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 155, 200
Decimal	11901896
CIELab	67.60, 18.05, -19.55
CIELCh	68, 26.610, 312.723
Yxy	37.4366, 0.2978, 0.2706
Android (android.graphics.Color)	4290091976 (0xFFB59BC8)
YUV	167.9040, 15.8233, 11.4852
Hunter-Lab	61.1854, 13.1287, -15.0188

# Details

The Decimal color **11901896** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11454619**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **15586047**, and **8415378** is the 20% darker color. If you saturate the color by 10%, you get **11372488**, and if you desaturate by 10%, it is **12431304**.

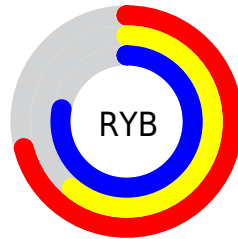
# Distribution



Red (71%)

Green (61%)

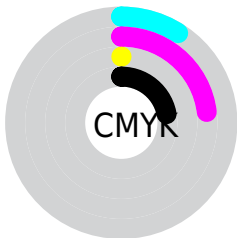
Blue (78%)



Red (71%)

Yellow (61%)

Blue (78%)

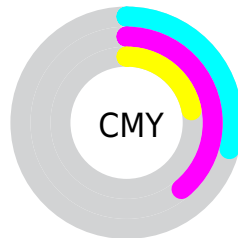


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (39%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11901896 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 11901896 by changing the saturation by 10% instead.



■ 11901896

■ 11901896

16777215

■ 10125741

■ 15586047

■ 8415378

■ 16772863

■ 6705016

■ 5126239

■ 3613255

■ 2100785

■ 131100

■ 0

■ 11901896

■ 11901896

11372488

12431304

10777544

13026248

10248136

13555656

9653192

14150600

9123784

14680008

8528840

15269832

7999432

15794120

7602376

16383944

16777160

# Harmonies

## Analogous

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



9806803



11901896



13407668

# Triad

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



11901896



12754551



6337198

# Complementary

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



11901896



11454619

# 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.



7713174



11901896



11314806

# Square

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



11901896



13735813



9547137



6140100

# Rectangle

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



11901896



13865891



9547137



6730406



# Sweetspot

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



11901896



16248319



10203080



8091008



0



8421504



# Same Dimension

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



11901896



14859007



13147077



6249059



6160547



1376292



# Inverse Universe

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



13147054



16759511



10209438



6511198



10682437

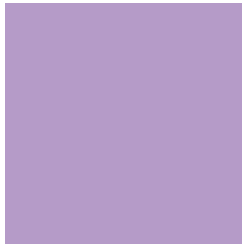


2359311



# Previews

## White Background



This preview shows how the Decimal color 11901896 looks on a white background.

## Color Contrast Check

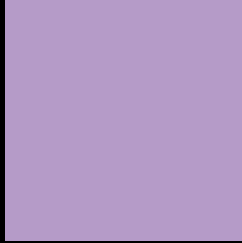
Large Text (above 18pt) WCAG AA × Fail

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 11901896 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

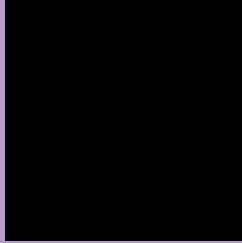
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11901896 Background



This preview shows how black text looks on a background with the Decimal color 11901896.

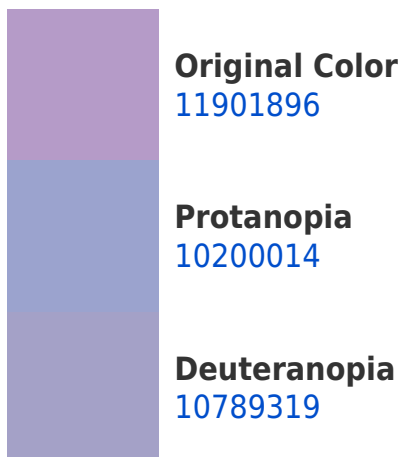



This preview shows how white text looks on a background with the Decimal color 11901896.

# 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**  
11641005

# Trichromacy



**Original Color**  
11901896

**Protanomaly**  
10789068

**Deuteranomaly**  
11182023

**Tritanomaly**  
11706039

# Monochromacy



**Original Color**  
11901896

**Achromatopsia**  
11053224

**Achromatomaly**  
11379636

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11901896 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 #B59BC8 looks like.

```
.text, #text, p{  
    color:#B59BC8  
}
```

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 #B59BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59BC8
}
```

## Border

The CSS property to change the border of an element to Decimal 11901896 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
#B59BC8 }
```

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

```
.border{ border-color:#B59BC8 }
```

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

Here you see how a box with a 4 pixel #B59BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59BC8; -webkit-box-shadow:4px 4px  
4px 4px #B59BC8; box-shadow:4px 4px 4px  
4px #B59BC8 }
```

# Background

The CSS property to change the background color of an element to Decimal 11901896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59BC8 }
```

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

```
.background{ background-color:#B59BC8 }
```

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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