

# Converting Colors

Decimal(12018877)

Have a look what the booklet for  
Decimal(12018877) contains.

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# **Color**

**Decimal(12018877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B764BD
RGB	183, 100, 189
RGB Percent	72%, 39%, 74%
CMY	0.2824, 0.6078, 0.2588
CMYK	0.03, 0.47, 0.00, 0.26
HSL	296°, 40%, 57%
HSV	296°, 47%, 74%
XYZ	33.2709, 22.8557, 50.8021
YIQ	134.9630, 20.8990, 45.2750

# Conversions

## Conversions Part 2

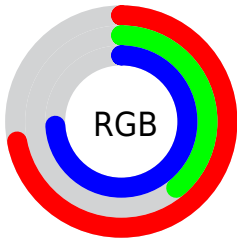
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 100, 189
Decimal	12018877
CIELab	54.92, 46.68, -32.84
CIELCh	55, 57.071, 324.872
Yxy	22.8557, 0.3112, 0.2137
Android (android.graphics.Color)	4290208957 (0xFFB764BD)
YUV	134.9630, 26.6402, 42.1284
Hunter-Lab	47.8077, 40.5605, -29.5383

# Details

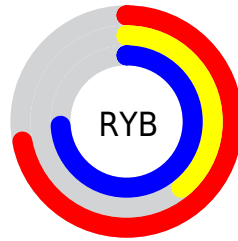
The Decimal color **12018877** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6995300**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **15833590**, and **8401031** is the 20% darker color. If you saturate the color by 10%, you get **11948477**, and if you desaturate by 10%, it is **12089277**.

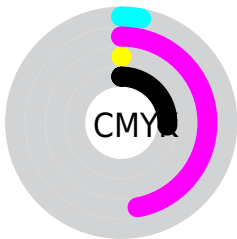
# Distribution



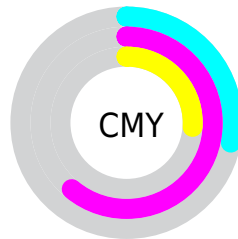
- Red (72%)
- Green (39%)
- Blue (74%)



- Red (72%)
- Yellow (39%)
- Blue (74%)



- Cyan (3%)
- Magenta (47%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (61%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12018877 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 12018877 by changing the saturation by 10% instead.



 12018877

 12018877

16777215

 10177186

 15833590

 8401031

 16758271

 6624366

 16765439

 4915285

 16772863

 3342397

 1703975

 272

 0

 12018877

 12018877

■ 11948477

■ 12089277

■ 11812541

■ 12225213

■ 11742141

■ 12295613

■ 11671741

■ 12366013

■ 11601341

■ 12436413

■ 11534525

■ 12572093

■ 12642493

■ 12712893

■ 12779453

# Harmonies

## Analogous

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



7633630



12018877



14111886

# Triad

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



12018877



10780179



39852

# Complementary

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



12018877



6995300

# 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.



39545



12018877



7638302

# Square

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



12018877



13134386



3118663



38612

# Rectangle

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



12018877



14505069



3118663



39835



# Sweetspot

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



12018877



15913973



6581181



7956090



16448250



8026746



# Same Dimension

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



12018877



15428085



12412056



6182238



9633950



1900575



# Inverse Universe

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



12412010



16083315



6602121



6182230



10354699

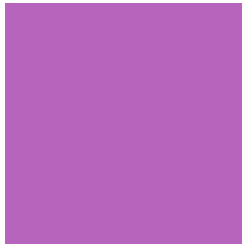


2031618



# Previews

## White Background



This preview shows how the Decimal color 12018877 looks on a white background.

## Color Contrast Check

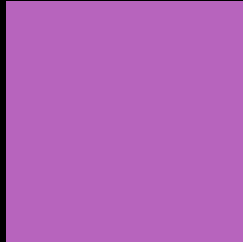
Large Text (above 18pt) WCAG AA ✓ Pass

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 12018877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

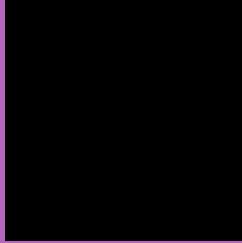
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12018877 Background



This preview shows how black text looks on a background with the Decimal color 12018877.



This preview shows how white text looks on a background with the Decimal color 12018877.

# Color Blindness Simulation

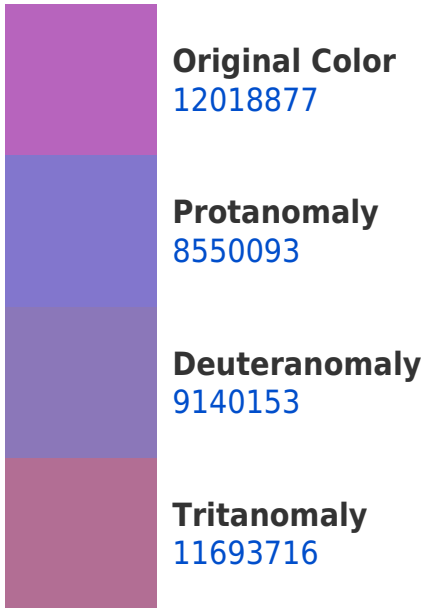
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12018877 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 #B764BD looks like.

```
.text, #text, p{  
    color:#B764BD  
}
```

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 #B764BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B764BD
}
```

## Border

The CSS property to change the border of an element to Decimal 12018877 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".

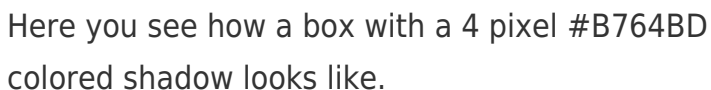
```
.border, #border, table{ border:4px solid
#B764BD }
```

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

```
.border{ border-color:#B764BD }
```

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

Here you see how a box with a 4 pixel #B764BD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B764BD; -webkit-box-shadow:4px 4px  
4px 4px #B764BD; box-shadow:4px 4px 4px  
4px #B764BD }
```

# Background

The CSS property to change the background color of an element to Decimal 12018877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B764BD }
```

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

```
.background{ background-color:#B764BD }
```

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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