

# Converting Colors

Decimal(12089276)

Have a look what the booklet for  
Decimal(12089276) contains.

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# **Color**

**Decimal(12089276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B877BC
RGB	184, 119, 188
RGB Percent	72%, 47%, 74%
CMY	0.2784, 0.5333, 0.2627
CMYK	0.02, 0.37, 0.00, 0.26
HSL	297°, 34%, 60%
HSV	297°, 37%, 74%
XYZ	35.4411, 27.0148, 50.9234
YIQ	146.3010, 16.5910, 35.2390

# Conversions

## Conversions Part 2

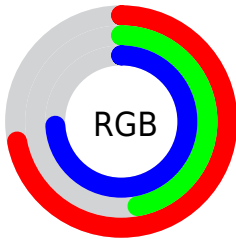
Format	Color
<a href="#">RYB</a>	<a href="#">184, 119, 188</a>
Decimal	<a href="#">12089276</a>
CIELab	<a href="#">58.99, 36.66, -25.95</a>
CIELCh	<a href="#">59, 44.915, 324.700</a>
Yxy	<a href="#">27.0148, 0.3126, 0.2383</a>
Android (android.graphics.Color)	<a href="#">4290279356 (0xFFB877BC)</a>
YUV	<a href="#">146.3010, 20.5576, 33.0620</a>
Hunter-Lab	<a href="#">51.9758, 30.7573, -21.7064</a>

# Details

The Decimal color **12089276** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8109175**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **15838452**, and **8537478** is the 20% darker color. If you saturate the color by 10%, you get **12018876**, and if you desaturate by 10%, it is **12159676**.

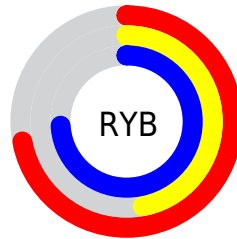
# Distribution



Red (72%)

Green (47%)

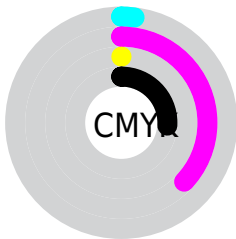
Blue (74%)



Red (72%)

Yellow (47%)

Blue (74%)

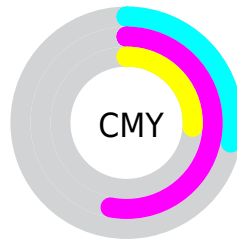


Cyan (2%)

Magenta (37%)

Yellow (0%)

Black (26%)



Cyan (28%)

Magenta (53%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12089276 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 12089276 by changing the saturation by 10% instead.



 12089276

 12089276

16777215

 10247585

 15838452

 8537478

 16763135

 6827117

 16770303

 5116756

 3539005

 2228263


 272

 0

 12089276

 12089276

 12018876

 12159676

 11948476

 12230076

 11878332

 12300220

 11807932

 12370620

 11737532

 12441020

 11601596

 12576956

 11600060

 12647356

 12713916

 12779452

# Harmonies

## Analogous

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



8750806



12089276



13856151

# Triad

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



12089276



11241789



41646

# Complementary

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



12089276



8109175

# 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.



41349



12089276



8754499

# Square

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



12089276



13138767



5545567



40397

# Rectangle

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



12089276



14183804



5545567



41633



# Sweetspot

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



12089276



15981301



7830716



7957114



16448250



8026746



# Same Dimension

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



12089276



15698421



12351390



6182238



9765022



1900575



# Inverse Universe

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



12351355



16091535



7847061



6182229



10354697

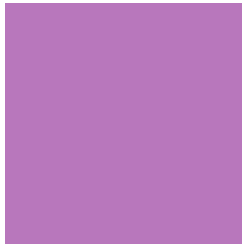


2031618



# Previews

## White Background



This preview shows how the Decimal color 12089276 looks on a white background.

## Color Contrast Check

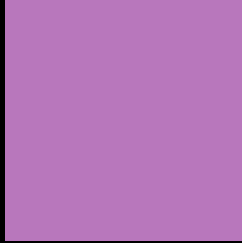
Large Text (above 18pt) WCAG AA ✓ Pass

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 12089276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

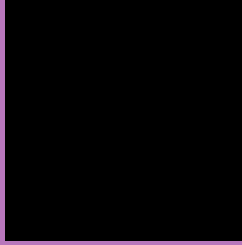
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12089276 Background



This preview shows how black text looks on a background with the Decimal color 12089276.




This preview shows how white text looks on a background with the Decimal color 12089276.

# 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**  
11633035

# Trichromacy



**Original Color**  
12089276



**Protanomaly**  
9536710



**Deuteranomaly**  
9995449



**Tritanomaly**  
11828637

# Monochromacy



**Original Color**  
12089276



**Achromatopsia**  
9605778



**Achromatomaly**  
10520737

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12089276 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 #B877BC looks like.

```
.text, #text, p{  
    color:#B877BC  
}
```

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 #B877BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B877BC
}
```

## Border

The CSS property to change the border of an element to Decimal 12089276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

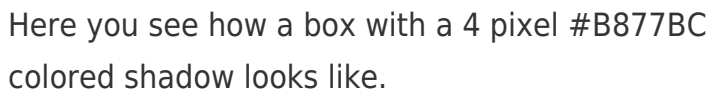
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B877BC }
```

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

```
.border{ border-color:#B877BC }
```

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



Here you see how a box with a 4 pixel #B877BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B877BC; -webkit-box-shadow:4px 4px  
4px 4px #B877BC; box-shadow:4px 4px 4px  
4px #B877BC }
```

# Background

The CSS property to change the background color of an element to Decimal 12089276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B877BC }
```

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

```
.background{ background-color:#B877BC }
```

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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