

# Converting Colors

Decimal(10978269)

Have a look what the booklet for  
Decimal(10978269) contains.

<b>Decimal(10978269)</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(10978269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A783DD
RGB	167, 131, 221
RGB Percent	65%, 51%, 87%
CMY	0.3451, 0.4863, 0.1333
CMYK	0.24, 0.41, 0.00, 0.13
HSL	264°, 57%, 69%
HSV	264°, 41%, 87%
XYZ	37.1038, 29.6685, 72.1776
YIQ	152.0240, -7.4340, 35.6220

# Conversions

## Conversions Part 2

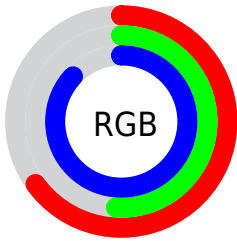
Format	Color
<b>RYB</b>	167, 131, 221
Decimal	10978269
CIELab	61.37, 31.94, -40.99
CIELCh	61, 51.971, 307.927
Yxy	29.6685, 0.2670, 0.2135
Android (android.graphics.Color)	4289168349 (0xFFA783DD)
YUV	152.0240, 34.0052, 13.1340
Hunter-Lab	54.4688, 26.2725, -40.4380

# Details

The Decimal color **10978269** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12180867**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **14727423**, and **7426469** is the 20% darker color. If you saturate the color by 10%, you get **10120669**, and if you desaturate by 10%, it is **11835869**.

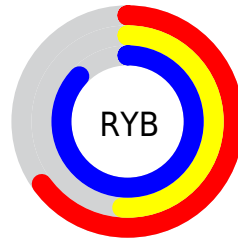
# Distribution



Red (65%)

Green (51%)

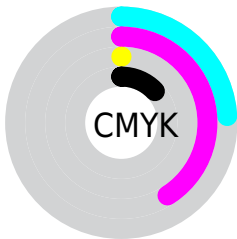
Blue (87%)



Red (65%)

Yellow (51%)

Blue (87%)

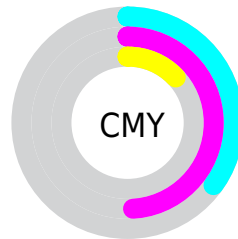


Cyan (24%)

Magenta (41%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (49%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10978269 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 10978269 by changing the saturation by 10% instead.



 10978269

 10978269

16777215

 9202113

 14727423

 7426469

 16635135

 5716363

 16773631

 4006513

 2231384

 720960

 809

 275

 0

10978269

10978269

10120669

11835869

9197533

12759005

8339933

13616605

7482333

14474205

6624733

15332061

5767389

16252893

16777181

# Harmonies

## Analogous

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



5543407



10978269



14054072

# Triad

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



10978269



13206845



43935

# Complementary

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



10978269



12180867

# 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.



2271344



10978269



10655283

# Square

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



10978269



14906462



7447112



43467

# Rectangle

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



10978269



15035545



7447112



43919



# Sweetspot

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



10978269



15589631



8632797



7696000



0



8421504



# Same Dimension

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



10978269



11830015



13927389



6775662



4522157



1179694



# Inverse Universe

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



14517177



16745165



9231747



7234409



11337832

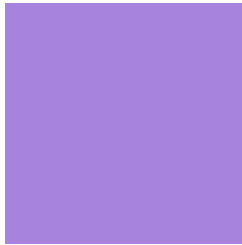


3014684



# Previews

## White Background



This preview shows how the Decimal color 10978269 looks on a white background.

## Color Contrast Check

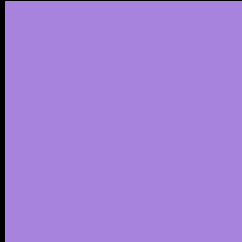
Large Text (above 18pt) WCAG AA ✓ Pass

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 10978269 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

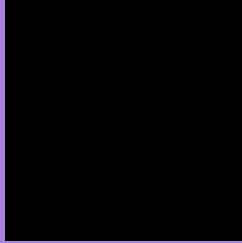
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10978269 Background



This preview shows how black text looks on a background with the Decimal color 10978269.



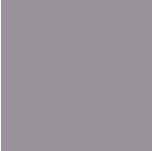
This preview shows how white text looks on a background with the Decimal color 10978269.

# 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**  
10195356

# Trichromacy



**Original Color**  
10978269

**Protanomaly**  
8817893

**Deuteranomaly**  
8949211

**Tritanomaly**  
10456244

# Monochromacy



**Original Color**  
10978269

**Achromatopsia**  
10000536

**Achromatomaly**  
10326193

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10978269 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 #A783DD looks like.

```
.text, #text, p{  
    color:#A783DD  
}
```

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 #A783DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A783DD
}
```

## Border

The CSS property to change the border of an element to Decimal 10978269 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
#A783DD }
```

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

```
.border{ border-color:#A783DD }
```

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

Here you see how a box with a 4 pixel #A783DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A783DD; -webkit-box-shadow:4px 4px  
4px 4px #A783DD; box-shadow:4px 4px 4px  
4px #A783DD }
```

# Background

The CSS property to change the background color of an element to Decimal 10978269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A783DD }
```

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

```
.background{ background-color:#A783DD }
```

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