

# Converting Colors

Decimal(12168669)

Have a look what the booklet for  
Decimal(12168669) contains.

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# **Color**

**Decimal(12168669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9ADDD
RGB	185, 173, 221
RGB Percent	73%, 68%, 87%
CMY	0.2745, 0.3216, 0.1333
CMYK	0.16, 0.22, 0.00, 0.13
HSL	255°, 41%, 77%
HSV	255°, 22%, 87%
XYZ	48.0023, 45.4219, 74.6439
YIQ	182.0600, -8.2560, 17.4720

# Conversions

## Conversions Part 2

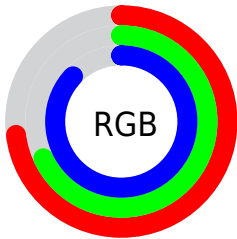
Format	Color
<b>RYB</b>	185, 173, 221
Decimal	12168669
CIELab	73.17, 13.83, -22.61
CIELCh	73, 26.505, 301.453
Yxy	45.4219, 0.2856, 0.2703
Android (android.graphics.Color)	4290358749 (0xFFB9ADDD)
YUV	182.0600, 19.1974, 2.5784
Hunter-Lab	67.3958, 9.1932, -18.4894

# Details

The Decimal color **12168669** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13753773**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **15852799**, and **8616358** is the 20% darker color. If you saturate the color by 10%, you get **11048925**, and if you desaturate by 10%, it is **13288413**.

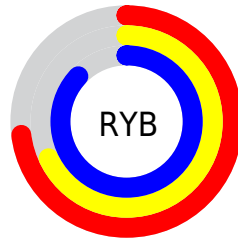
# Distribution



Red (73%)

Green (68%)

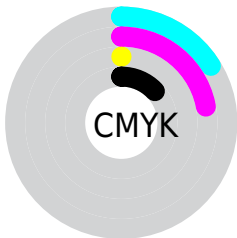
Blue (87%)



Red (73%)

Yellow (68%)

Blue (87%)

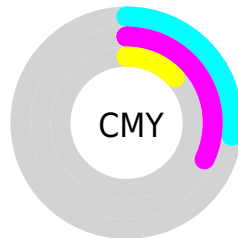


Cyan (16%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (32%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12168669 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 12168669 by changing the saturation by 10% instead.



■ 12168669

■ 12168669

16777215

■ 10392257

■ 15852799

■ 8616358

■ 6971531

■ 5326962


■ 3748441


■ 2235713

■ 983851

■ 278

■ 0

 12168669

 12168669

 11048925

 13288413

 9994717

 14342621

 8874973

 15462365

 7820765

 16515037

 6701021

 16777181

 5646557

 4526813

 3604701

# Harmonies

## Analogous

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



9942500



12168669



13936331

# Triad

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



12168669



14264970



7782836

# Complementary

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



12168669



13753773

# 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.



9355164



12168669



12890755

# Square

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



12168669



14984347



11188874



7127244

# Rectangle

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



12168669



14656444



11188874



8241580



# Sweetspot

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



12168669



15920639



11391453



7894400



0



8421504



# Same Dimension

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



12168669



13483519



13741533



6644590



2818221



720942



# Inverse Universe

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



14527953



16760302



12180909



7234411



11337858



3014690



# Previews

## White Background



This preview shows how the Decimal color 12168669 looks on a white background.

## Color Contrast Check

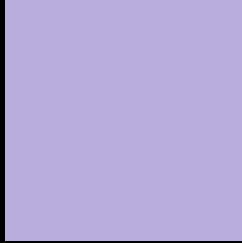
Large Text (above 18pt) WCAG AA × Fail

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 12168669 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

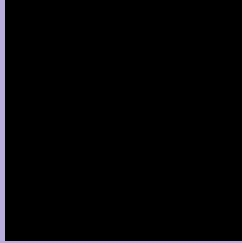
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12168669 Background



This preview shows how black text looks on a background with the Decimal color 12168669.



This preview shows how white text looks on a background with the Decimal color 12168669.

# 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



**Original Color**  
12168669

**Protanopia**  
11055840

**Deuteranopia**  
11645148



**Tritanopia**  
11842240

# Trichromacy



**Original Color**  
12168669

**Protanomaly**  
11448543

**Deuteranomaly**  
11841500

**Tritanomaly**  
11972811

# Monochromacy



**Original Color**  
12168669

**Achromatopsia**  
11974326

**Achromatomaly**  
12039108

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12168669 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 #B9ADDD looks like.

```
.text, #text, p{  
    color:#B9ADDD  
}
```

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 #B9ADDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9ADDD
}
```

## Border

The CSS property to change the border of an element to Decimal 12168669 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
#B9ADDD }
```

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

```
.border{ border-color:#B9ADDD }
```

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

Here you see how a box with a 4 pixel #B9ADDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9ADDD; -webkit-box-shadow:4px 4px  
4px 4px #B9ADDD; box-shadow:4px 4px 4px  
4px #B9ADDD }
```

# Background

The CSS property to change the background color of an element to Decimal 12168669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9AADD }
```

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

```
.background{ background-color:#B9AADD }
```

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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