

# Converting Colors

Decimal(12236761)

Have a look what the booklet for  
Decimal(12236761) contains.

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# **Color**

**Decimal(12236761)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BAB7D9                     |
| RGB         | 186, 183, 217              |
| RGB Percent | 73%, 72%, 85%              |
| CMY         | 0.2706, 0.2824, 0.1490     |
| CMYK        | 0.14, 0.16, 0.00, 0.15     |
| HSL         | 245°, 31%, 78%             |
| HSV         | 245°, 16%, 85%             |
| XYZ         | 49.7076, 49.3158, 72.5447  |
| YIQ         | 187.7730, -9.1260, 11.2100 |

# Conversions

## Conversions Part 2

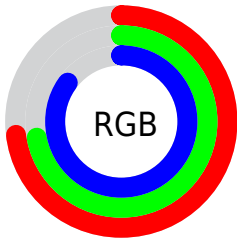
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">186, 183, 217</a>                                |
| Decimal                             | <a href="#">12236761</a>                                     |
| CIELab                              | <a href="#">75.65, 7.81, -16.67</a>                          |
| CIELCh                              | <a href="#">76, 18.406, 295.098</a>                          |
| Yxy                                 | <a href="#">49.3158, 0.2897, 0.2874</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290426841</a><br>( <a href="#">0xFFBAB7D9</a> ) |
| YUV                                 | <a href="#">187.7730, 14.4089, -1.5549</a>                   |
| Hunter-Lab                          | <a href="#">70.2252, 3.4536, -12.0906</a>                    |

# Details

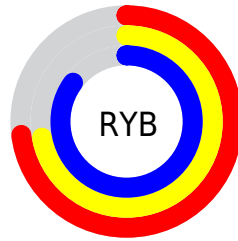
The Decimal color **12236761** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14080439**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **15921151**, and **8749730** is the 20% darker color. If you saturate the color by 10%, you get **10920409**, and if you desaturate by 10%, it is **13553113**.

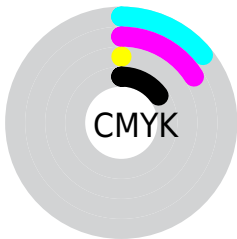
# Distribution



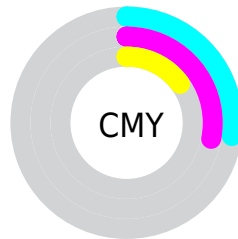
- Red (73%)
- Green (72%)
- Blue (85%)



- Red (73%)
- Yellow (72%)
- Blue (85%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (28%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12236761 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 12236761 by changing the saturation by 10% instead.



■ 12236761

■ 12236761

16777215

■ 10460349

■ 15921151

■ 8749730

■ 7039368

■ 5460334

■ 3881558

■ 2434111

■ 1052713

■ 276

■ 0

 12236761

 12236761

 10920409

 13553113

 9604313

 14869209

 8353497


 16120025

 7037145

 16777177

 5721049

 4404697

 3153881

 1837529

 1245401

# Harmonies

## Analogous

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



10796508



12236761



13546190

# Triad

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



12236761



14201759



9815223

# Complementary

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



12236761



14080439

# 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.



10863271



12236761



13351065

# Square

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



12236761



14593965



12107420



9290952

# Rectangle

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



12236761



14135236



12107420



10077361



# Sweetspot

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



12236761



15987455



12048089



7960704



0



8421504



# Same Dimension

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



12236761



13881343



13350873



6579054



983213



262190



# Inverse Universe

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



14268374



16764923



12966327



7234413



11337886



3014698



# Previews

## White Background



This preview shows how the Decimal color 12236761 looks on a white background.

## Color Contrast Check

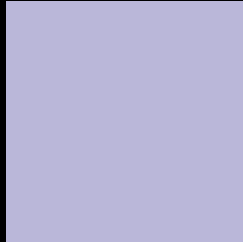
Large Text (above 18pt) WCAG AA × Fail

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 12236761 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

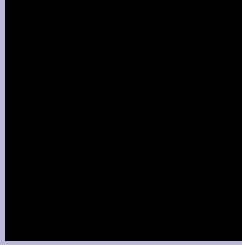
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12236761 Background



This preview shows how black text looks on a background with the Decimal color 12236761.



This preview shows how white text looks on a background with the Decimal color 12236761.

# 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**  
12236761

**Protanopia**  
11844058

**Deuteranopia**  
12498649



**Tritanopia**  
12040905

# Trichromacy



**Original Color**  
12236761

**Protanomaly**  
11974874

**Deuteranomaly**  
12433113

**Tritanomaly**  
12106191

# Monochromacy



**Original Color**  
12236761

**Achromatopsia**  
12369084

**Achromatomaly**  
12303047

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12236761 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 #BAB7D9 looks like.

```
.text, #text, p{  
    color:#BAB7D9  
}
```

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 #BAB7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAB7D9
}
```

## Border

The CSS property to change the border of an element to Decimal 12236761 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
#BAB7D9 }
```

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

```
.border{ border-color:#BAB7D9 }
```

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

Here you see how a box with a 4 pixel #BAB7D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAB7D9; -webkit-box-shadow:4px 4px  
4px 4px #BAB7D9; box-shadow:4px 4px 4px  
4px #BAB7D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12236761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAB7D9 }
```

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

```
.background{ background-color:#BAB7D9 }
```

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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