

# Converting Colors

Decimal(12426436)

Have a look what the booklet for  
Decimal(12426436) contains.

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# **Color**

**Decimal(12426436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9CC4
RGB	189, 156, 196
RGB Percent	74%, 61%, 77%
CMY	0.2588, 0.3882, 0.2314
CMYK	0.04, 0.20, 0.00, 0.23
HSL	290°, 25%, 69%
HSV	290°, 20%, 77%
XYZ	42.8385, 38.5813, 57.4136
YIQ	170.4270, 6.8280, 19.4360

# Conversions

## Conversions Part 2

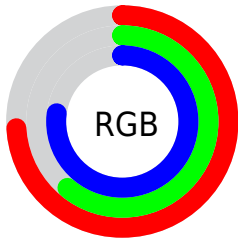
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 156, 196
Decimal	12426436
CIELab	68.45, 19.36, -15.98
CIELCh	68, 25.104, 320.465
Yxy	38.5813, 0.3086, 0.2779
Android (android.graphics.Color)	4290616516 (0xFFBD9CC4)
YUV	170.4270, 12.6075, 16.2885
Hunter-Lab	62.1138, 14.4083, -11.3238

# Details

The Decimal color **12426436** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10732700**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16176125**, and **8874382** is the 20% darker color. If you saturate the color by 10%, you get **12224708**, and if you desaturate by 10%, it is **12628164**.

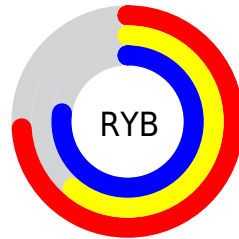
# Distribution



Red (74%)

Green (61%)

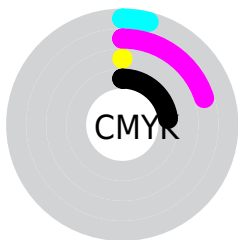
Blue (77%)



Red (74%)

Yellow (61%)

Blue (77%)

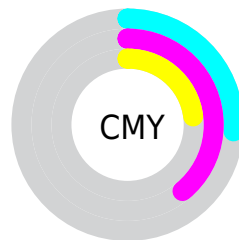


Cyan (4%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (39%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12426436 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 12426436 by changing the saturation by 10% instead.



 12426436

 12426436

16777215

 10650281

 16176125

 8874382

 16773119

 7229557

 5585244

 4006724

 2559534

 1048601

 0

 12426436

 12426436

 12224708

 12628164

 11957700

 12895172

 11755972

 13096900

 11488964

 13363908

 11287236

 13565636

 11019972

 13828036

 10818500

 14024644

 10617028

 14221252

 14483396

# Harmonies

## Analogous

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



10593489



12426436



13604783

# Triad

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



12426436



12493690



6665398

# Complementary

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



12426436



10732700

# 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.



7713695



12426436



10988156

# Square

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



12426436



13606021



9285769



6926793

# Rectangle

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



12426436



13997728



9285769



6861998



# Sweetspot

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



12426436



16576767



10265540



8288128



0



8421504



# Same Dimension

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



12426436



16040703



12885175



6248289



8716449



1769505



# Inverse Universe

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



12885155



16761549



10273961



6379353



10551324



2162694



# Previews

## White Background



This preview shows how the Decimal color 12426436 looks on a white background.

## Color Contrast Check

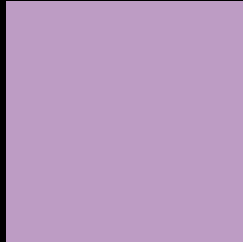
Large Text (above 18pt) WCAG AA × Fail

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 12426436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

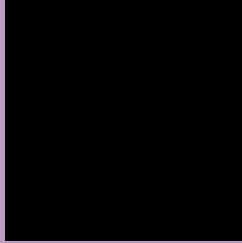
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12426436 Background



This preview shows how black text looks on a background with the Decimal color 12426436.



This preview shows how white text looks on a background with the Decimal color 12426436.

# 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**  
12426436

**Protanopia**  
10462922

**Deuteranopia**  
11183043



**Tritanopia**  
12230829

# Trichromacy



**Original Color**  
12426436

**Protanomaly**  
11182792

**Deuteranomaly**  
11641027

**Tritanomaly**  
12296117

# Monochromacy



**Original Color**  
12426436

**Achromatopsia**  
11184810

**Achromatomaly**  
11642291

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12426436 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 #BD9CC4 looks like.

```
.text, #text, p{  
    color:#BD9CC4  
}
```

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 #BD9CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9CC4  
}
```

## Border

The CSS property to change the border of an element to Decimal 12426436 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  
#BD9CC4 }
```

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

```
.border{ border-color:#BD9CC4 }
```

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

Here you see how a box with a 4 pixel #BD9CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9CC4; -webkit-box-shadow:4px 4px  
4px 4px #BD9CC4; box-shadow:4px 4px 4px  
4px #BD9CC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12426436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9CC4 }
```

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

```
.background{ background-color:#BD9CC4 }
```

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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