

# Converting Colors

Decimal(12417252)

Have a look what the booklet for  
Decimal(12417252) contains.

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# **Color**

**Decimal(12417252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD78E4
RGB	189, 120, 228
RGB Percent	74%, 47%, 89%
CMY	0.2588, 0.5294, 0.1059
CMYK	0.17, 0.47, 0.00, 0.11
HSL	278°, 67%, 68%
HSV	278°, 47%, 89%
XYZ	41.7063, 29.8532, 76.9629
YIQ	152.9430, 6.4560, 48.2160

# Conversions

## Conversions Part 2

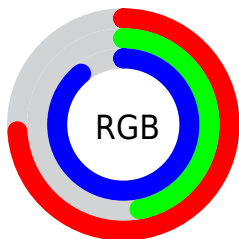
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 120, 228
Decimal	12417252
CIELab	61.53, 45.78, -44.49
CIELCh	62, 63.836, 315.818
Yxy	29.8532, 0.2808, 0.2010
Android (android.graphics.Color)	4290607332 (0xFFBD78E4)
YUV	152.9430, 37.0031, 31.6220
Hunter-Lab	54.6381, 40.6360, -45.2689

# Details

The Decimal color **12417252** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **10478712**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16232191**, and **8734124** is the 20% darker color. If you saturate the color by 10%, you get **11887076**, and if you desaturate by 10%, it is **12947428**.

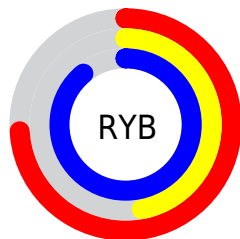
# Distribution



Red (74%)

Green (47%)

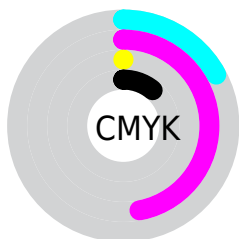
Blue (89%)



Red (74%)

Yellow (47%)

Blue (89%)

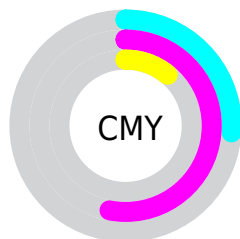


Cyan (17%)

Magenta (47%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (53%)















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12417252 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 12417252 by changing the saturation by 10% instead.



 12417252	 12417252
16777215	 10575560
 16232191	 8734124
 16763647	 6957969
 16770815	 5247095
	 3539038
	 1966150
	 46
	 280
	 0

 12417252

 12417252

 11887076

 12947428

 11356900

 13477604

 10761444

 14073060

 10231268

 14603236

 9701092

 15133412

 9568484

 15663076

 16252900

 16777188

# Harmonies

## Analogous

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



6066687



12417252



15557298

# Triad

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



12417252



13076506



44978

# Complementary

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



12417252



10478712

# 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.



44407



12417252



9804564

# Square

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



12417252



15429957



5416768



44261

# Rectangle

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



12417252



16342412



5416768



44958



# Sweetspot

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



12417252



15916031



7905508



7891584



0



8421504



# Same Dimension

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



12417252



13332223



14973142



7300979



7471283



2162739



# Inverse Universe

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



14973087



16740002



7922822



7563115



11731008



3342354



# Previews

## White Background



This preview shows how the Decimal color 12417252 looks on a white background.

## Color Contrast Check

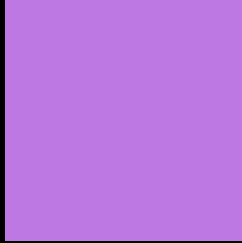
Large Text (above 18pt) WCAG AA ✓ Pass

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 12417252 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 12417252 Background



This preview shows how black text looks on a background with the Decimal color 12417252.




This preview shows how white text looks on a background with the Decimal color 12417252.

# 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



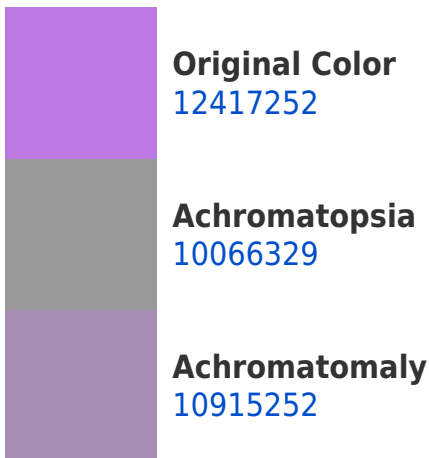


**Tritanopia**  
11635349

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12417252 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 #BD78E4 looks like.

```
.text, #text, p{  
  color:#BD78E4  
}
```

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 #BD78E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD78E4
}
```

## Border

The CSS property to change the border of an element to Decimal 12417252 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
#BD78E4 }
```

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

```
.border{ border-color:#BD78E4 }
```

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

Here you see how a box with a 4 pixel #BD78E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD78E4; -webkit-box-shadow:4px 4px  
4px 4px #BD78E4; box-shadow:4px 4px 4px  
4px #BD78E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12417252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD78E4 }
```

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

```
.background{ background-color:#BD78E4 }
```

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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