

# Converting Colors

Decimal(12287140)

Have a look what the booklet for  
Decimal(12287140) contains.

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# **Color**

**Decimal(12287140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB7CA4
RGB	187, 124, 164
RGB Percent	73%, 49%, 64%
CMY	0.2667, 0.5137, 0.3569
CMYK	0.00, 0.34, 0.12, 0.27
HSL	322°, 32%, 61%
HSV	322°, 34%, 73%
XYZ	34.4020, 27.6604, 38.6478
YIQ	147.3970, 24.7080, 25.7960

# Conversions

## Conversions Part 2

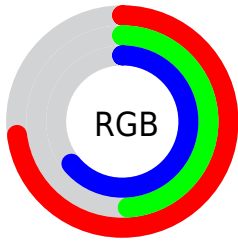
Format	Color
R <sub>Y</sub> B	187, 124, 164
Decimal	12287140
CIE Lab	59.58, 30.55, -11.30
CIE LCh	60, 32.572, 339.709
Yxy	27.6604, 0.3416, 0.2747
Android (android.graphics.Color)	4290477220 (0xFFBB7CA4)
YUV	147.3970, 8.1853, 34.7318
Hunter-Lab	52.5932, 24.7215, -6.7537

# Details

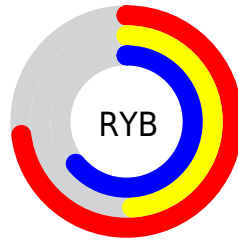
The Decimal color **12287140** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8174483**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16036315**, and **8735344** is the 20% darker color. If you saturate the color by 10%, you get **12282269**, and if you desaturate by 10%, it is **12292011**.

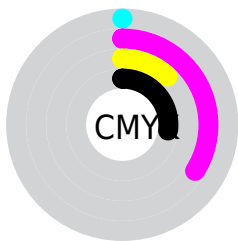
# Distribution



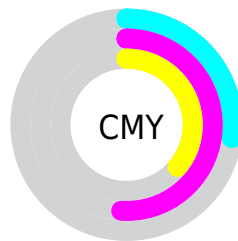
- Red (73%)
- Green (49%)
- Blue (64%)



- Red (73%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (27%)



- Cyan (27%)
- Magenta (51%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12287140 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 12287140 by changing the saturation by 10% instead.



 12287140

 12287140

16777215

 10445450

 16036315

 8735344

 16764407

 7025240

 16771839

 5315136

 3736106

 2490390

 0

 12287140

 12287140

 12282269

 12292011

 12277654

 12296626

 12272784

 12301496

 12267913

 12306367

 12263042

 12311238

 12258427

 12315853

 12255351

 12320724

 12320731

 12320737

# Harmonies

## Analogous

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



10454460



12287140



13072775

# Triad

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



12287140



10064214



1809843

# Complementary

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



12287140



8174483

# 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.



3121048



12287140



8034658

# Square

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



12287140



11765594



5741947



4561093

# Rectangle

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



12287140



13007989



5741947



1744555



# Sweetspot

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



12287140



15915753



9600187



8023157



16448250



8026746



# Same Dimension

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



12287140



15897039



12287109



6182235



10354788



2031635



# Inverse Universe

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



12287140



15897039



8174514



6182235



10354788

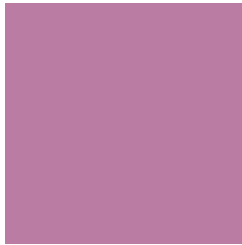


2031635



# Previews

## White Background



This preview shows how the Decimal color 12287140 looks on a white background.

## Color Contrast Check

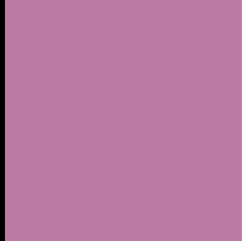
Large Text (above 18pt) WCAG AA ✓ Pass

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 12287140 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 12287140 Background



This preview shows how black text looks on a background with the Decimal color 12287140.



This preview shows how white text looks on a background with the Decimal color 12287140.

# 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**  
12091787

# Trichromacy



**Original Color**  
12287140

**Protanomaly**  
10192812

**Deuteranomaly**  
10716834

**Tritanomaly**  
12156820

# Monochromacy



**Original Color**  
12287140

**Achromatopsia**  
9671571

**Achromatomaly**  
10652569

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12287140 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 #BB7CA4 looks like.

```
.text, #text, p{  
  color:#BB7CA4  
}
```

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 #BB7CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7CA4
}
```

## Border

The CSS property to change the border of an element to Decimal 12287140 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
#BB7CA4 }
```

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

```
.border{ border-color:#BB7CA4 }
```

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

Here you see how a box with a 4 pixel #BB7CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7CA4; -webkit-box-shadow:4px 4px  
4px 4px #BB7CA4; box-shadow:4px 4px 4px  
4px #BB7CA4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12287140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7CA4 }
```

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

```
.background{ background-color:#BB7CA4 }
```

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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