

Converting Colors

Decimal(12417189)

Have a look what the booklet for
Decimal(12417189) contains.

Decimal(12417189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12417189)

Conversions

Conversions Part 1

Format	Color
Hex	BD78A5
RGB	189, 120, 165
RGB Percent	74%, 47%, 65%
CMY	0.2588, 0.5294, 0.3529
CMYK	0.00, 0.37, 0.13, 0.26
HSL	321°, 34%, 61%
HSV	321°, 37%, 74%
XYZ	34.4943, 26.9684, 38.9847
YIQ	145.7610, 26.6790, 28.6230

Conversions

Conversions Part 2

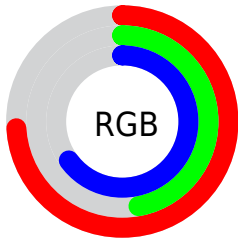
Format	Color
RYB	189, 120, 165
Decimal	12417189
CIELab	58.95, 33.61, -12.80
CIELCh	59, 35.964, 339.148
Yxy	26.9684, 0.3434, 0.2685
Android (android.graphics.Color)	4290607269 (0xFFBD78A5)
YUV	145.7610, 9.4848, 37.9206
Hunter-Lab	51.9311, 27.6860, -8.1573

Details

The Decimal color **12417189** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7912848**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16166364**, and **8799857** is the 20% darker color. If you saturate the color by 10%, you get **12412318**, and if you desaturate by 10%, it is **12422060**.

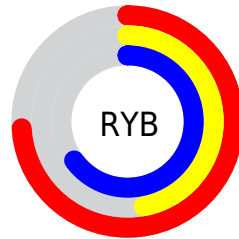
Distribution



Red (74%)

Green (47%)

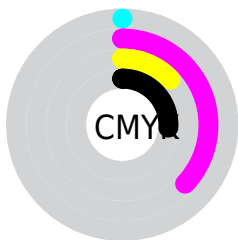
Blue (65%)



Red (74%)

Yellow (47%)

Blue (65%)

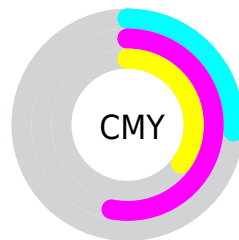


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12417189 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 12417189 by changing the saturation by 10% instead.

 12417189

 12417189

16777215

 10575499

 16166364


 8799857

 16763385

 7089497

 16770559

 5444929

 3801131

 2490391

 0

 12417189

 12417189

 12412318

 12422060

12407448

12426930

12402577

12431801

12397707

12436671

12392836

12441542

12388222

12446156

12386427

12451027

12451802

12451808

Harmonies

Analogous

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



10388159



12417189



13268357

Triad

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



12417189



10063694



40373

Complementary

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



12417189



7912848

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.



958359



12417189



7772252

Square

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



12417189



11895891



5152118



3119048

Rectangle

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



12417189



13268849



5152118



40620

Sweetspot

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



12417189



16112363



9402557



8022645



16448250



8026746

Same Dimension

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



12417189



16091599



12417156



6182235



10354791



2031636

Inverse Universe

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



12417189



16091599



7912882



6182235



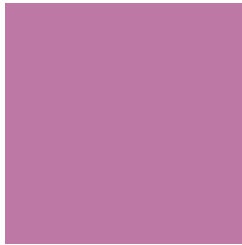
10354791



2031636

Previews

White Background



This preview shows how the Decimal color 12417189 looks on a white background.

Color Contrast Check

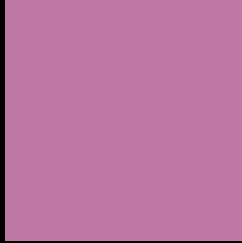
Large Text (above 18pt) WCAG AA ✓ Pass

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 12417189 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 12417189 Background



This preview shows how black text looks on a background with the Decimal color 12417189.



This preview shows how white text looks on a background with the Decimal color 12417189.

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
12222087

Trichromacy



Original Color
12417189

Protanomaly
10061230

Deuteranomaly
10650787

Tritanomaly
12287122

Monochromacy



Original Color
12417189

Achromatopsia
9605778

Achromatomaly
10652057

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12417189 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 #BD78A5 looks like.

```
.text, #text, p{  
    color:#BD78A5  
}
```

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 #BD78A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD78A5
}
```

Border

The CSS property to change the border of an element to Decimal 12417189 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
#BD78A5 }
```

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

```
.border{ border-color:#BD78A5 }
```

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

Here you see how a box with a 4 pixel #BD78A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD78A5; -webkit-box-shadow:4px 4px  
4px 4px #BD78A5; box-shadow:4px 4px 4px  
4px #BD78A5 }
```

Background

The CSS property to change the background color of an element to Decimal 12417189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD78A5 }
```

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

```
.background{ background-color:#BD78A5 }
```

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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