

Converting Colors

Decimal(12412299)

Have a look what the booklet for
Decimal(12412299) contains.

Decimal(12412299)	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(12412299)

Conversions

Conversions Part 1

Format	Color
Hex	BD658B
RGB	189, 101, 139
RGB Percent	74%, 40%, 55%
CMY	0.2588, 0.6039, 0.4549
CMYK	0.00, 0.47, 0.26, 0.26
HSL	334°, 40%, 57%
HSV	334°, 47%, 74%
XYZ	30.3001, 21.9903, 27.0736
YIQ	131.6440, 40.2500, 30.4740

Conversions

Conversions Part 2

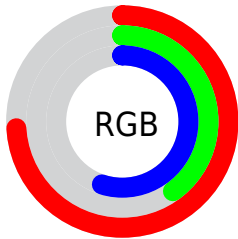
Format	Color
R_{YB}	189, 101, 139
Decimal	12412299
CIE _{Lab}	54.02, 39.77, -5.05
CIE _{LCh}	54, 40.087, 352.768
Yxy	21.9903, 0.3818, 0.2771
Android (android.graphics.Color)	4290602379 (0xFFBD658B)
YUV	131.6440, 3.6265, 50.3012
Hunter-Lab	46.8938, 33.2727, -1.4048

Details

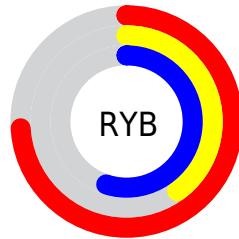
The Decimal color **12412299** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6667671**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16227008**, and **8729177** is the 20% darker color. If you saturate the color by 10%, you get **12407424**, and if you desaturate by 10%, it is **12417174**.

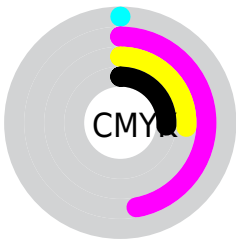
Distribution



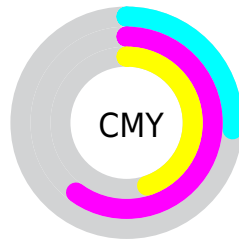
- Red (74%)
- Green (40%)
- Blue (55%)



- Red (74%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (47%)
- Yellow (26%)
- Black (26%)



- Cyan (26%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12412299 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 12412299 by changing the saturation by 10% instead.

 12412299

 12412299

16777215

 10570610

 16227008

 8729177

 16758236

 6953026

 16765689

 5242924

 16772863

 3604503

 1769473

 0

 12412299

 12412299

 12407424

 12417174

12402550

12422048

12397675

12426923

12392800

12431798

12388181

12436673

12386386

12441291

12446166

12451041

12451820

Harmonies

Analogous

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



10776235



12412299



12740200

Triad

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



12412299



8161087



36791

Complementary

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



12412299



6667671

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.



37787



12412299



5410646

Square

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



12412299



10320955



103031



2918341

Rectangle

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



12412299



12348500



103031



37295

Sweetspot

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



12412299



16110561



9921981



8021615



16448250



8026746

Same Dimension

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



12412299



16084135



12413797



6182233



10354756



2031629

Inverse Universe

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



12412299



16084135



6666173



6182233



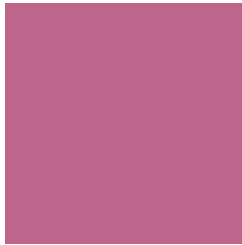
10354756



2031629

Previews

White Background



This preview shows how the Decimal color 12412299 looks on a white background.

Color Contrast Check

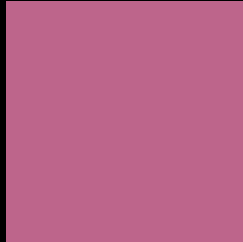
Large Text (above 18pt) WCAG AA ✓ Pass

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 12412299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

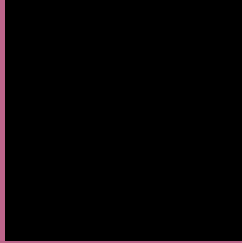
Any Text WCAG AA ✓ Pass

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 12412299 Background



This preview shows how black text looks on a background with the Decimal color 12412299.



This preview shows how white text looks on a background with the Decimal color 12412299.

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
12282482

Trichromacy



Original Color
12412299

Protanomaly
9729686

Deuteranomaly
10384776

Tritanomaly
12347515

Monochromacy



Original Color
12412299

Achromatopsia
8684676

Achromatomaly
10058119

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12412299 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 #BD658B looks like.

```
.text, #text, p{  
    color:#BD658B  
}
```

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 #BD658B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD658B
}
```

Border

The CSS property to change the border of an element to Decimal 12412299 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
#BD658B }
```

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

```
.border{ border-color:#BD658B }
```

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

Here you see how a box with a 4 pixel #BD658B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD658B; -webkit-box-shadow:4px 4px  
4px 4px #BD658B; box-shadow:4px 4px 4px  
4px #BD658B }
```

Background

The CSS property to change the background color of an element to Decimal 12412299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD658B }
```

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

```
.background{ background-color:#BD658B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor