

Converting Colors

Decimal(12492006)

Have a look what the booklet for
Decimal(12492006) contains.

| | |
|--|----|
| Decimal(12492006) | 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(12492006)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BE9CE6 |
| RGB | 190, 156, 230 |
| RGB Percent | 75%, 61%, 90% |
| CMY | 0.2549, 0.3882, 0.0980 |
| CMYK | 0.17, 0.32, 0.00, 0.10 |
| HSL | 268°, 60%, 76% |
| HSV | 268°, 32%, 90% |
| XYZ | 47.4066, 40.4373, 80.1695 |
| YIQ | 174.6020, -3.4900, 30.2220 |

Conversions

Conversions Part 2

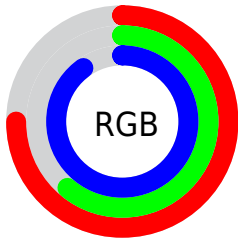
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 190, 156, 230 |
| Decimal | 12492006 |
| CIE _{Lab} | 69.78, 26.78, -32.70 |
| CIE _{LCh} | 70, 42.270, 309.319 |
| Yxy | 40.4373, 0.2822, 0.2407 |
| Android (android.graphics.Color) | 4290682086 (0xFFBE9CE6) |
| YUV | 174.6020, 27.3112, 13.5040 |
| Hunter-Lab | 63.5903, 21.7888, -30.2348 |

Details

The Decimal color **12492006** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12904092**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16241663**, and **8939694** is the 20% darker color. If you saturate the color by 10%, you get **11699686**, and if you desaturate by 10%, it is **13284326**.

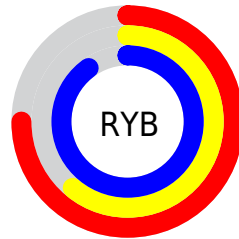
Distribution



Red (75%)

Green (61%)

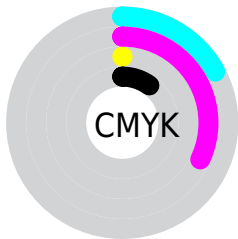
Blue (90%)



Red (75%)

Yellow (61%)

Blue (90%)

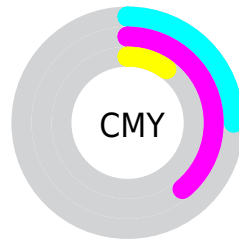


Cyan (17%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (39%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12492006 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 12492006 by changing the saturation by 10% instead.

12492006

12492006

16777215

10650314

16241663

8939694

16773119

7164051

5519737

3875424

2297160

1179697

283

0

 12492006

 12492006

 11699686

 13284326

 10841830

 14142182

 10049510

 14934502

 9191654

 15792358

 8399334

 16580582

 7541478

 16777190

 6947046

Harmonies

Analogous

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



8694518



12492006



14979270

Triad

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



12492006



14262115



49078

Complementary

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



12492006



12904092

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.



6077838



12492006



12037213

Square

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



12492006



15700604



9352814



48602

Rectangle

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



12492006



15830189



9352814



2997928

Sweetspot

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



12492006



15853311



10274278



7827584



0



8421504

Same Dimension

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



12492006



13212927



14851302



7169907



5374131



1507379

Inverse Universe

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



15113412



16751825



10544796



7563117



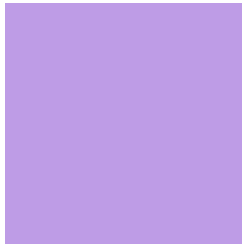
11731040



3342364

Previews

White Background



This preview shows how the Decimal color 12492006 looks on a white background.

Color Contrast Check

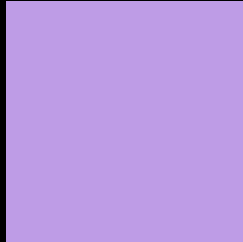
Large Text (above 18pt) WCAG AA × Fail

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 12492006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

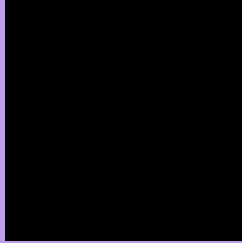
Any Text WCAG AA ✓ Pass

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 12492006 Background



This preview shows how black text looks on a background with the Decimal color 12492006.

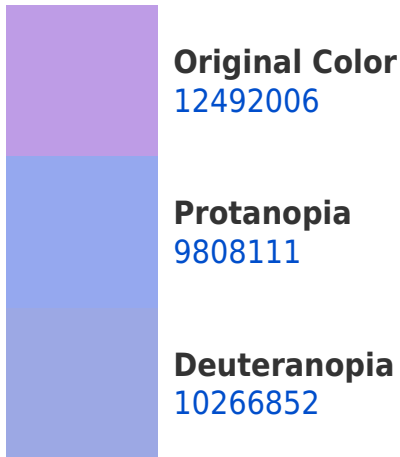


This preview shows how white text looks on a background with the Decimal color 12492006.

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
11904691

Trichromacy



Original Color
12492006

Protanomaly
10790124

Deuteranomaly
11052261

Tritanomaly
12100294

Monochromacy



Original Color
12492006

Achromatopsia
11513775

Achromatomaly
11839683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12492006 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 #BE9CE6 looks like.

```
.text, #text, p{  
  color:#BE9CE6  
}
```

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 #BE9CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE9CE6
}
```

Border

The CSS property to change the border of an element to Decimal 12492006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

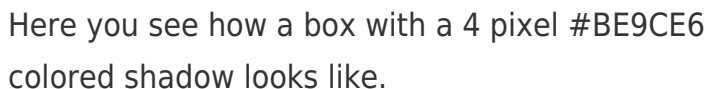
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE9CE6 }
```

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

```
.border{ border-color:#BE9CE6 }
```

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



Here you see how a box with a 4 pixel #BE9CE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE9CE6; -webkit-box-shadow:4px 4px  
4px 4px #BE9CE6; box-shadow:4px 4px 4px  
4px #BE9CE6 }
```

Background

The CSS property to change the background color of an element to Decimal 12492006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE9CE6 }
```

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

```
.background{ background-color:#BE9CE6 }
```

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