

Converting Colors

Decimal(12491262)

Have a look what the booklet for
Decimal(12491262) contains.

Decimal(12491262)	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(12491262)

Conversions

Conversions Part 1

Format	Color
Hex	BE99FE
RGB	190, 153, 254
RGB Percent	75%, 60%, 100%
CMY	0.2549, 0.4000, 0.0039
CMYK	0.25, 0.40, 0.00, 0.00
HSL	262°, 98%, 80%
HSV	262°, 40%, 100%
XYZ	50.5158, 40.8854, 98.9951
YIQ	175.5770, -10.3690, 39.2550

Conversions

Conversions Part 2

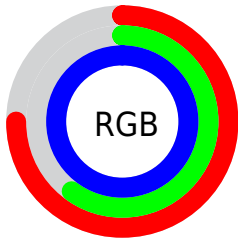
Format	Color
RYB	190, 153, 254
Decimal	12491262
CIELab	70.10, 33.91, -45.31
CIELCh	70, 56.595, 306.809
Yxy	40.8854, 0.2653, 0.2147
Android (android.graphics.Color)	4290681342 (0xFFBE99FE)
YUV	175.5770, 38.6625, 12.6490
Hunter-Lab	63.9417, 29.1224, -47.0342

Details

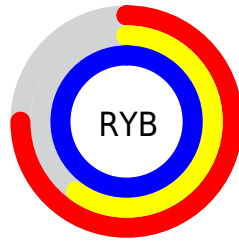
The Decimal color **12491262** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **14286489**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16306431**, and **8807877** is the 20% darker color. If you saturate the color by 10%, you get **11436286**, and if you desaturate by 10%, it is **13546238**.

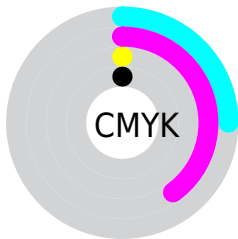
Distribution



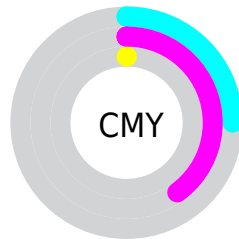
- Red (75%)
- Green (60%)
- Blue (100%)



- Red (75%)
- Yellow (60%)
- Blue (100%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12491262 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 12491262 by changing the saturation by 10% instead.


 12491262

 12491262

16777215

 10649569

 16306431

 8807877

 16772351

 7032233

 5322126

 3546996

 1640539

 131139

 812

 278

■ 12491262

■ 12491262

■ 11436286

■ 13546238

■ 10381054

■ 14601470

■ 9326078

■ 15656446

■ 8270846

16711678

■ 7215870

16777214

■ 6095358

■ 6095102

Harmonies

Analogous

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



6401535



12491262



15959765

Triad

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



12491262



15243852



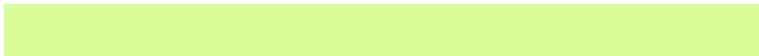
50614

Complementary

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



12491262



14286489

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.



3523201



12491262



12430399

Square

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



12491262



16746352



8895061



50152

Rectangle

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



12491262



16744371



8895061



50340

Sweetspot

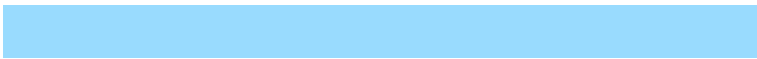
The Sweet Spot groups the original color and five complimentary colors.



12491262



15524095



10083326



7630464



0



8421504

Same Dimension

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



12491262



11634175



15702526



7828352



4587711



1507392

Inverse Universe

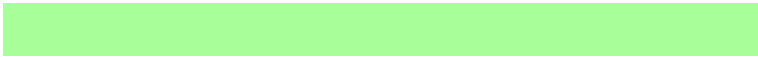
The Inverse Universe completely reimagines the original color for something new.



16685529



16745938



11075225



8418171



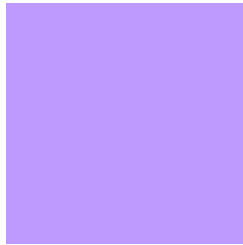
12517497



4194344

Previews

White Background



This preview shows how the Decimal color 12491262 looks on a white background.

Color Contrast Check

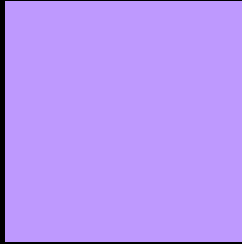
Large Text (above 18pt) WCAG AA × Fail

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 12491262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

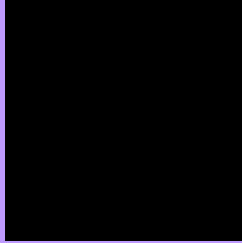
Any Text WCAG AA ✓ Pass

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 12491262 Background



This preview shows how black text looks on a background with the Decimal color 12491262.



This preview shows how white text looks on a background with the Decimal color 12491262.

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
11643062

Trichromacy



Original Color
12491262

Protanomaly
10462207

Deuteranomaly
10331387

Tritanomaly
11969488

Monochromacy



Original Color
12491262

Achromatopsia
11579568

Achromatomaly
11905228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12491262 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 #BE99FE looks like.

```
.text, #text, p{  
    color:#BE99FE  
}
```

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 #BE99FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE99FE
}
```

Border

The CSS property to change the border of an element to Decimal 12491262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

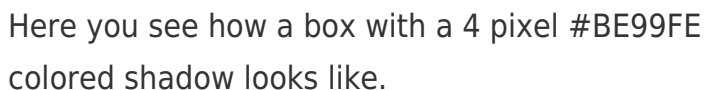
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE99FE }
```

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

```
.border{ border-color:#BE99FE }
```

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



Here you see how a box with a 4 pixel `#BE99FE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE99FE; -webkit-box-shadow:4px 4px  
4px 4px #BE99FE; box-shadow:4px 4px 4px  
4px #BE99FE }
```

Background

The CSS property to change the background color of an element to Decimal 12491262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE99FE }
```

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

```
.background{ background-color:#BE99FE }
```

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