

Converting Colors

Decimal(12484309)

Have a look what the booklet for
Decimal(12484309) contains.

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Color

Decimal(12484309)

Conversions

Conversions Part 1

Format	Color
Hex	BE7ED5
RGB	190, 126, 213
RGB Percent	75%, 49%, 84%
CMY	0.2549, 0.5059, 0.1647
CMYK	0.11, 0.41, 0.00, 0.16
HSL	284°, 51%, 66%
HSV	284°, 41%, 84%
XYZ	40.7063, 30.6730, 66.7258
YIQ	155.0540, 10.2170, 40.6250

Conversions

Conversions Part 2

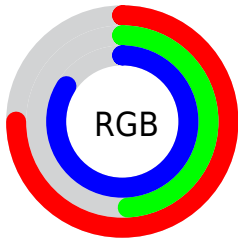
Format	Color
RYB	190, 126, 213
Decimal	12484309
CIELab	62.23, 39.69, -35.00
CIELCh	62, 52.914, 318.591
Yxy	30.6730, 0.2947, 0.2221
Android (android.graphics.Color)	4290674389 (0xFFBE7ED5)
YUV	155.0540, 28.5674, 30.6476
Hunter-Lab	55.3832, 34.2759, -32.6645

Details

The Decimal color **12484309** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9819518**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16299263**, and **8866718** is the 20% darker color. If you saturate the color by 10%, you get **12085717**, and if you desaturate by 10%, it is **12882901**.

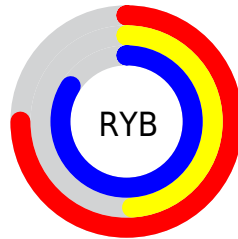
Distribution



Red (75%)

Green (49%)

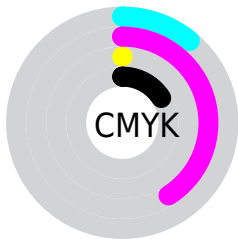
Blue (84%)



Red (75%)

Yellow (49%)

Blue (84%)

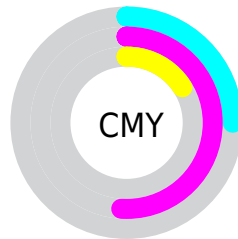


Cyan (11%)

Magenta (41%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (51%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12484309 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 12484309 by changing the saturation by 10% instead.

 12484309

 12484309

16777215

 10642617

 16299263


 8866718

 16765183

 7156356

 16772351

 5445994

 3801169

 2293818

 35

 11

 0

 12484309

 12484309

 12085717

 12882901

 11752405

 13216213

 11353813

 13614805

 10955221

 14013397

 10621909

 14346709

 10289365

 14745301

 15073237

 15466453

 15859669

Harmonies

Analogous

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



7967216



12484309



14905258

Triad

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



12484309



12619318



44723

Complementary

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



12484309



9819518

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.



44162



12484309



9739575

Square

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



12484309



14646354



6137685



43740

Rectangle

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



12484309



15560075



6137685



44707

Sweetspot

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



12484309



16244991



8295893



8089216



0



8421504

Same Dimension

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



12484309



14582527



13991617



6840427



8257707



2097195

Inverse Universe

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



13991573



16745123



8312210



7037027



11206701



2818059

Previews

White Background



This preview shows how the Decimal color 12484309 looks on a white background.

Color Contrast Check

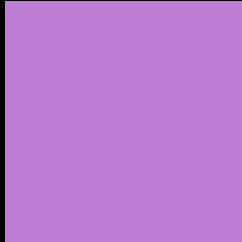
Large Text (above 18pt) WCAG AA × Fail

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 12484309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

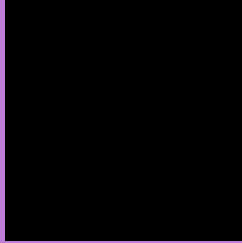
Any Text WCAG AA ✓ Pass

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 12484309 Background



This preview shows how black text looks on a background with the Decimal color 12484309.




This preview shows how white text looks on a background with the Decimal color 12484309.

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
11898006

Trichromacy



Original Color
12484309



Protanomaly
9604320



Deuteranomaly
10063314



Tritanomaly
12093357

Monochromacy



Original Color
12484309



Achromatopsia
10197915



Achromatomaly
11047088

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12484309 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 #BE7ED5 looks like.

```
.text, #text, p{  
    color:#BE7ED5  
}
```

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 #BE7ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE7ED5
}
```

Border

The CSS property to change the border of an element to Decimal 12484309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

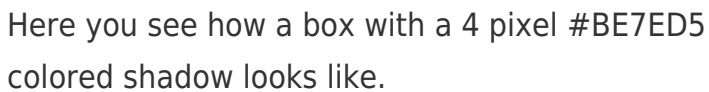
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE7ED5 }
```

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

```
.border{ border-color:#BE7ED5 }
```

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



Here you see how a box with a 4 pixel `#BE7ED5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE7ED5; -webkit-box-shadow:4px 4px  
4px 4px #BE7ED5; box-shadow:4px 4px 4px  
4px #BE7ED5 }
```

Background

The CSS property to change the background color of an element to Decimal 12484309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE7ED5 }
```

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

```
.background{ background-color:#BE7ED5 }
```

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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