

# Converting Colors

Decimal(12749490)

Have a look what the booklet for  
Decimal(12749490) contains.

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# **Color**

**Decimal(12749490)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C28AB2                     |
| RGB           | 194, 138, 178              |
| RGB Percent   | 76%, 54%, 70%              |
| CMY           | 0.2392, 0.4588, 0.3020     |
| CMYK          | 0.00, 0.29, 0.08, 0.24     |
| HSL           | 317°, 31%, 65%             |
| HSV           | 317°, 29%, 76%             |
| XYZ           | 39.3725, 32.8606, 46.3871  |
| YIQ           | 159.3040, 20.5360, 24.3120 |

# Conversions

## Conversions Part 2

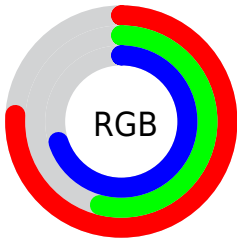
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">194, 138, 178</a>                 |
| Decimal                             | <a href="#">12749490</a>                      |
| CIELab                              | <a href="#">64.05, 27.69, -12.48</a>          |
| CIElCh                              | <a href="#">64, 30.372, 335.745</a>           |
| Yxy                                 | <a href="#">32.8606, 0.3319,<br/>0.2770</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4290939570<br/>(0xFFC28AB2)</a>   |
| YUV                                 | <a href="#">159.3040, 9.2171,<br/>30.4284</a> |
| Hunter-Lab                          | <a href="#">57.3242, 22.2834,<br/>-7.8509</a> |

# Details

The Decimal color **12749490** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9093786**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16498922**, and **9197437** is the 20% darker color. If you saturate the color by 10%, you get **12744620**, and if you desaturate by 10%, it is **12754360**.

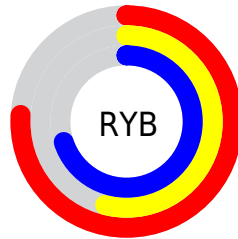
# Distribution



Red (76%)

Green (54%)

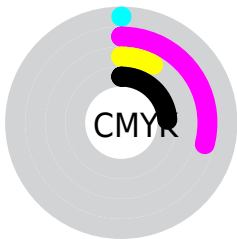
Blue (70%)



Red (76%)

Yellow (54%)

Blue (70%)

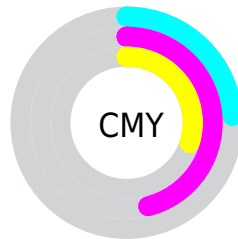


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12749490 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 12749490 by changing the saturation by 10% instead.



 12749490

 12749490

16777215

 10907799

 16498922

 9197437

 16768255

 7421796

 16775679

 5777484

 4198710

 2687008

 196613

 0

 12749490

 12749490

 12744620

 12754360

 12739495

 12759485

 12734625

 12764355

 12729500

 12769480

 12724630

 12774350

 12719761

 12779219

 12714635

 12779481

 12714123

 12779486

 12779492

# Harmonies

## Analogous

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



10916551



12749490



13666199

# Triad

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



12749490



11115365



4106682

# Complementary

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



12749490



9093786

# 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.



5024416



12749490



9151342

# Square

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



12749490



12620394



7055492



5678284

# Rectangle

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



12749490



13731973



7055492



4172466



# Sweetspot

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



12749490



16574198



10128066



8417659



0



8421504



# Same Dimension

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



12749490



16557283



12749462



6379358



10551411



2162712



# Inverse Universe

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



12749490



16557283



9093814



6379358



10551411

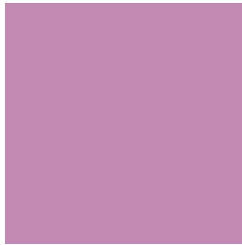


2162712



# Previews

## White Background



This preview shows how the Decimal color 12749490 looks on a white background.

## Color Contrast Check

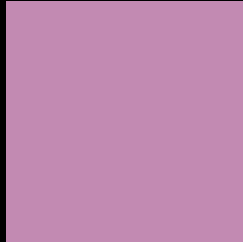
Large Text (above 18pt) WCAG AA × Fail

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 12749490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

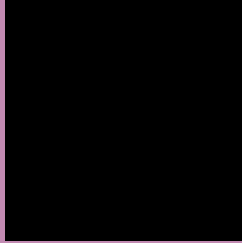
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12749490 Background



This preview shows how black text looks on a background with the Decimal color 12749490.

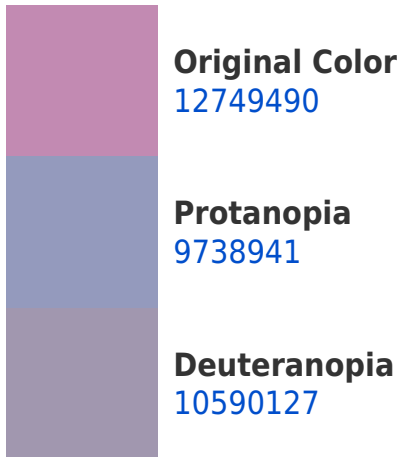



This preview shows how white text looks on a background with the Decimal color 12749490.

# 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**  
12553881

# Trichromacy



**Original Color**  
12749490

**Protanomaly**  
10851513

**Deuteranomaly**  
11375280

**Tritanomaly**  
12619170

# Monochromacy



**Original Color**  
12749490

**Achromatopsia**  
10461087

**Achromatomaly**  
11311014

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12749490 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 #C28AB2 looks like.

```
.text, #text, p{  
    color:#C28AB2  
}
```

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 #C28AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28AB2
}
```

## Border

The CSS property to change the border of an element to Decimal 12749490 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
#C28AB2 }
```

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

```
.border{ border-color:#C28AB2 }
```

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

Here you see how a box with a 4 pixel #C28AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28AB2; -webkit-box-shadow:4px 4px  
4px 4px #C28AB2; box-shadow:4px 4px 4px  
4px #C28AB2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12749490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28AB2 }
```

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

```
.background{ background-color:#C28AB2 }
```

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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