

# Converting Colors

Decimal(13014478)

Have a look what the booklet for  
Decimal(13014478) contains.

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# **Color**

**Decimal(13014478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C695CE
RGB	198, 149, 206
RGB Percent	78%, 58%, 81%
CMY	0.2235, 0.4157, 0.1922
CMYK	0.04, 0.28, 0.00, 0.19
HSL	292°, 37%, 70%
HSV	292°, 28%, 81%
XYZ	45.1767, 37.9569, 63.3379
YIQ	170.1490, 10.9070, 28.1150

# Conversions

## Conversions Part 2

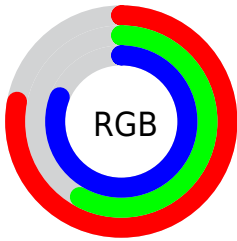
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 149, 206
Decimal	13014478
CIE <sub>Lab</sub>	67.99, 28.19, -22.15
CIE <sub>LCh</sub>	68, 35.846, 321.843
Yxy	37.9569, 0.3084, 0.2591
Android (android.graphics.Color)	4291204558 (0xFFC695CE)
YUV	170.1490, 17.6745, 24.4253
Hunter-Lab	61.6092, 23.0743, -17.8272

# Details

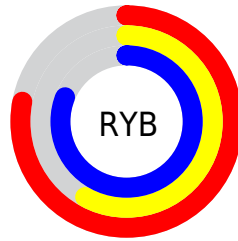
The Decimal color **13014478** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10342037**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16764159**, and **9396888** is the 20% darker color. If you saturate the color by 10%, you get **12812494**, and if you desaturate by 10%, it is **13216462**.

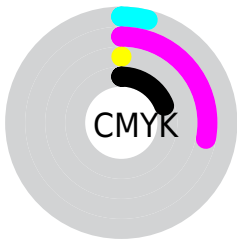
# Distribution



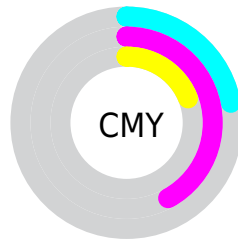
- Red (78%)
- Green (58%)
- Blue (81%)



- Red (78%)
- Yellow (58%)
- Blue (81%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (42%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13014478 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 13014478 by changing the saturation by 10% instead.



 13014478

 13014478

16777215

 11172786

 16764159

 9396888

 16771327

 7686526

 6042212

 4397900

 2884661

 1507360

 3

 0

 13014478

 13014478

 12812494

 13216462

 12610766

 13418190

 12408782

 13620174

 12207054

 13821902

 12070606

 13958350

 11868622

 14155726

 11666894

 14352334

 11600078

 14548942

 14745550

# Harmonies

## Analogous

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



10330594



13014478



14650800

# Triad

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



13014478



12820838



2799549

# Complementary

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



13014478



10342037

# 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.



5552027



13014478



10726249

# Square

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



13014478



14390900



8303485



3388376

# Rectangle

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



13014478



15043994



8303485



3651506



# Sweetspot

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



13014478



16575487



9805518



8287104



0



8421504



# Same Dimension

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



13014478



15969279



13538746



6642790



9306278



2162726



# Inverse Universe

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



13538717



16755639



9817769



6708317



10878999

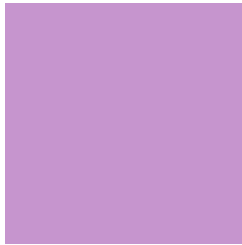


2490373



# Previews

## White Background



This preview shows how the Decimal color 13014478 looks on a white background.

## Color Contrast Check

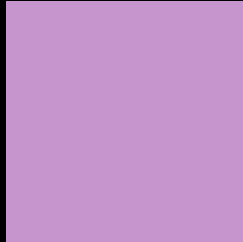
Large Text (above 18pt) WCAG AA × Fail

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 13014478 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

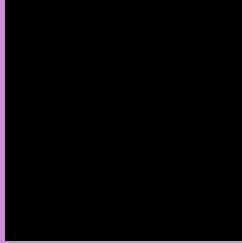
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13014478 Background



This preview shows how black text looks on a background with the Decimal color 13014478.

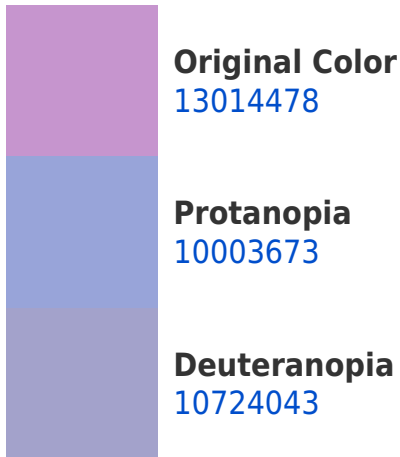


This preview shows how white text looks on a background with the Decimal color 13014478.

# 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





# Trichromacy



**Original Color**  
13014478

**Protanomaly**  
11116501

**Deuteranomaly**  
11574732

**Tritanomaly**  
12818870

# Monochromacy



**Original Color**  
13014478

**Achromatopsia**  
11184810

**Achromatomaly**  
11838135

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13014478 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 #C695CE looks like.

```
.text, #text, p{  
    color:#C695CE  
}
```

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 #C695CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C695CE
}
```

## Border

The CSS property to change the border of an element to Decimal 13014478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

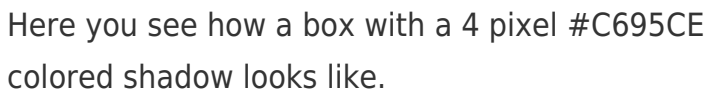
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C695CE }
```

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

```
.border{ border-color:#C695CE }
```

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



Here you see how a box with a 4 pixel `#C695CE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C695CE; -webkit-box-shadow:4px 4px  
4px 4px #C695CE; box-shadow:4px 4px 4px  
4px #C695CE }
```

# Background

The CSS property to change the background color of an element to Decimal 13014478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C695CE }
```

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

```
.background{ background-color:#C695CE }
```

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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