

# Converting Colors

Decimal(13014470)

Have a look what the booklet for  
Decimal(13014470) contains.

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# **Color**

**Decimal(13014470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C695C6
RGB	198, 149, 198
RGB Percent	78%, 58%, 78%
CMY	0.2235, 0.4157, 0.2235
CMYK	0.00, 0.25, 0.00, 0.22
HSL	300°, 30%, 68%
HSV	300°, 25%, 78%
XYZ	44.2292, 37.5779, 58.3482
YIQ	169.2370, 13.4750, 25.6270

# Conversions

## Conversions Part 2

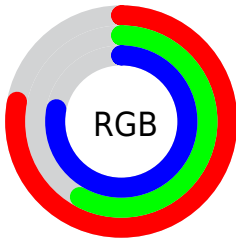
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 149, 198
Decimal	13014470
CIE Lab	67.71, 26.65, -18.13
CIE LCh	68, 32.228, 325.778
Yxy	37.5779, 0.3156, 0.2681
Android (android.graphics.Color)	4291204550 (0xFFC695C6)
YUV	169.2370, 14.1802, 25.2252
Hunter-Lab	61.3008, 21.5133, -13.5237

# Details

The Decimal color **13014470** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9815701**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16764159**, and **9462416** is the 20% darker color. If you saturate the color by 10%, you get **13009350**, and if you desaturate by 10%, it is **13019590**.

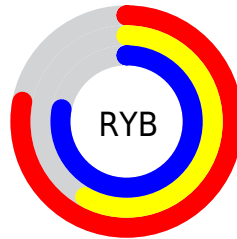
# Distribution



Red (78%)

Green (58%)

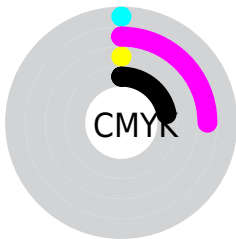
Blue (78%)



Red (78%)

Yellow (58%)

Blue (78%)

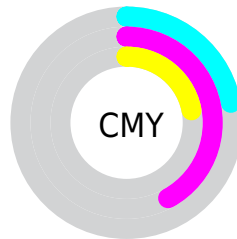


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13014470 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 13014470 by changing the saturation by 10% instead.



 13014470

 13014470

16777215

 11172779

 16764159

 9462416

 16771327

 7686518

 6042206

 4463430

 2884911

 1507355

 0

 13014470

 13014470

 13009350

 13019590

 13004230

 13024710

 12999366

 13029574

 12994246

 13034694

 12989126

 13039814

 12984006

 13041606

 12978886

 12976326

# Harmonies

## Analogous

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



10723289



13014470



14323626

# Triad

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



13014470



12427883



4306109

# Complementary

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



13014470



9815701

# 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.



5944736



13014470



10464112

# Square

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



13014470



13867126



8237443



5091540

# Rectangle

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



13014470



14651286



8237443



4699572



# Sweetspot

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



13014470



16772607



9803206



8418688



0



8421504



# Same Dimension

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



13014470



16757759



13014446



6511203



10682531



2359332



# Inverse Universe

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



13014470



16757759



9815726



6511203



10682531

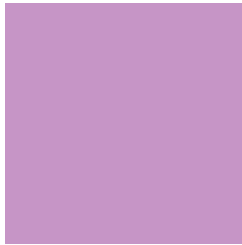


2359332



# Previews

## White Background



This preview shows how the Decimal color 13014470 looks on a white background.

## Color Contrast Check

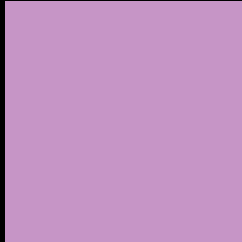
Large Text (above 18pt) WCAG AA × Fail

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 13014470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

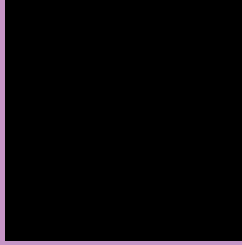
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13014470 Background



This preview shows how black text looks on a background with the Decimal color 13014470.

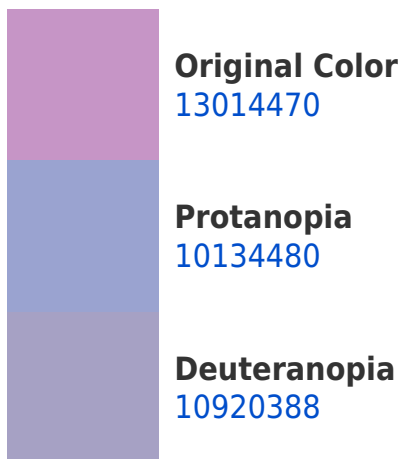


This preview shows how white text looks on a background with the Decimal color 13014470.

# 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**  
12753831

# Trichromacy



**Original Color**  
13014470

**Protanomaly**  
11181772

**Deuteranomaly**  
11705797

**Tritanomaly**  
12818866

# Monochromacy



**Original Color**  
13014470

**Achromatopsia**  
11119017

**Achromatomaly**  
11838132

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13014470 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 #C695C6 looks like.

```
.text, #text, p{  
    color:#C695C6  
}
```

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 #C695C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C695C6
}
```

## Border

The CSS property to change the border of an element to Decimal 13014470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

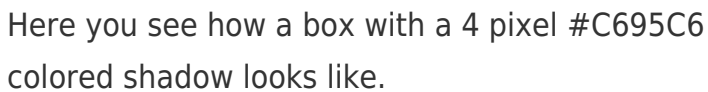
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C695C6 }
```

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

```
.border{ border-color:#C695C6 }
```

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



Here you see how a box with a 4 pixel `#C695C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C695C6; -webkit-box-shadow:4px 4px  
4px 4px #C695C6; box-shadow:4px 4px 4px  
4px #C695C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 13014470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C695C6 }
```

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

```
.background{ background-color:#C695C6 }
```

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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