

# Converting Colors

Decimal(13473484)

Have a look what the booklet for  
Decimal(13473484) contains.

<b>Decimal(13473484)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13473484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD96CC
RGB	205, 150, 204
RGB Percent	80%, 59%, 80%
CMY	0.1961, 0.4118, 0.2000
CMYK	0.00, 0.27, 0.00, 0.20
HSL	301°, 35%, 70%
HSV	301°, 27%, 80%
XYZ	46.9823, 39.1515, 62.2075
YIQ	172.6010, 15.4460, 28.4540

# Conversions

## Conversions Part 2

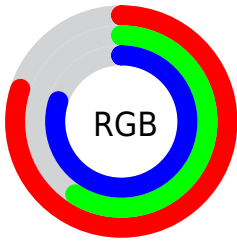
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 150, 204
Decimal	13473484
CIE <sub>Lab</sub>	68.86, 29.56, -19.64
CIE <sub>LCh</sub>	69, 35.490, 326.394
Yxy	39.1515, 0.3167, 0.2639
Android (android.graphics.Color)	4291663564 (0xFFCD96CC)
YUV	172.6010, 15.4797, 28.4139
Hunter-Lab	62.5711, 24.5293, -15.1456

# Details

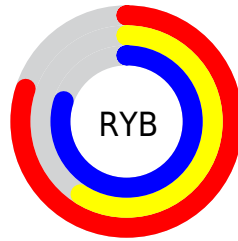
The Decimal color **13473484** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9883031**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16764415**, and **9855638** is the 20% darker color. If you saturate the color by 10%, you get **13468364**, and if you desaturate by 10%, it is **13478860**.

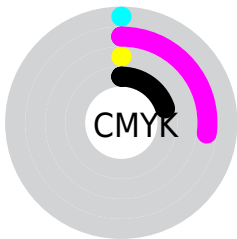
# Distribution



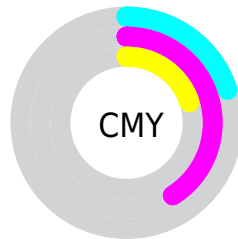
- Red (80%)
- Green (59%)
- Blue (80%)



- Red (80%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13473484 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 13473484 by changing the saturation by 10% instead.



 13473484

 13473484

16777215

 11631792

 16764415

 9855638

 16771583

 8145532

 6435427

 4791115

 3212084

 1966111

 1

 0

 13473484

 13473484

 13468364

 13478860

 13462987

 13483981

 13457867

 13489357

 13452491

 13494477

 13447370

 13499854

 13441994

 13500366

 13436873

 13500367

 13435081

# Harmonies

## Analogous

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



10920417



13473484



14913709

# Triad

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



13473484



12690792



3062211

# Complementary

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



13473484



9883031

# 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.



5421475



13473484



10530669

# Square

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



13473484



14326388



8107651



4240861

# Rectangle

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



13473484



15175831



8107651



3652025



# Sweetspot

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



13473484



16772095



9934541



8418175



0



8421504



# Same Dimension

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



13473484



16756222



13473457



6708326



10879139



2490406



# Inverse Universe

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



13473484



16756222



9883058



6708326



10879139

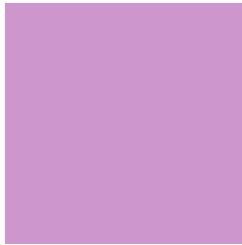


2490406



# Previews

## White Background



This preview shows how the Decimal color 13473484 looks on a white background.

## Color Contrast Check

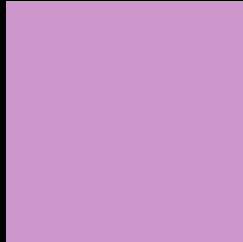
Large Text (above 18pt) WCAG AA × Fail

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 13473484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

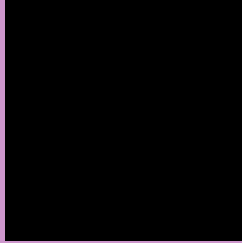
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13473484 Background



This preview shows how black text looks on a background with the Decimal color 13473484.

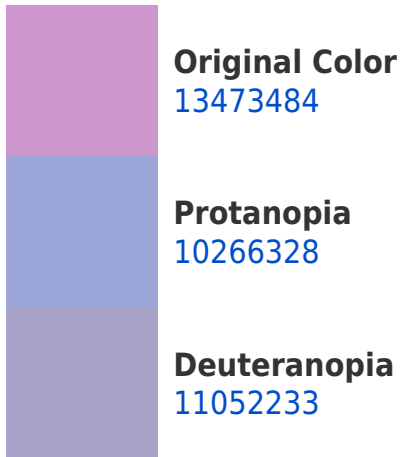



This preview shows how white text looks on a background with the Decimal color 13473484.

# 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**  
13147561

# Trichromacy



**Original Color**  
13473484

**Protanomaly**  
11444436

**Deuteranomaly**  
11902922

**Tritanomaly**  
13277878

# Monochromacy



**Original Color**  
13473484

**Achromatopsia**  
11382189

**Achromatomaly**  
12166584

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13473484 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 #CD96CC looks like.

```
.text, #text, p{  
    color:#CD96CC  
}
```

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 #CD96CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD96CC  
}
```

## Border

The CSS property to change the border of an element to Decimal 13473484 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  
#CD96CC }
```

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

```
.border{ border-color:#CD96CC }
```

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

Here you see how a box with a 4 pixel #CD96CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD96CC; -webkit-box-shadow:4px 4px  
4px 4px #CD96CC; box-shadow:4px 4px 4px  
4px #CD96CC }
```

# Background

The CSS property to change the background color of an element to Decimal 13473484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD96CC }
```

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

```
.background{ background-color:#CD96CC }
```

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