

# Converting Colors

Decimal(13472945)

Have a look what the booklet for  
Decimal(13472945) contains.

<b>Decimal(13472945)</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(13472945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD94B1
RGB	205, 148, 177
RGB Percent	80%, 58%, 69%
CMY	0.1961, 0.4196, 0.3059
CMYK	0.00, 0.28, 0.14, 0.20
HSL	329°, 36%, 69%
HSV	329°, 28%, 80%
XYZ	43.7026, 37.3333, 46.4976
YIQ	168.3490, 24.6630, 21.1030

# Conversions

## Conversions Part 2

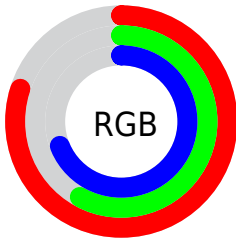
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 148, 177
Decimal	13472945
CIE Lab	67.53, 25.89, -6.60
CIE LCh	68, 26.717, 345.700
Yxy	37.3333, 0.3427, 0.2927
Android (android.graphics.Color)	4291663025 (0xFFCD94B1)
YUV	168.3490, 4.2649, 32.1429
Hunter-Lab	61.1010, 20.7457, -2.3488

# Details

The Decimal color **13472945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9751984**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16763881**, and **9855356** is the 20% darker color. If you saturate the color by 10%, you get **13467815**, and if you desaturate by 10%, it is **13478331**.

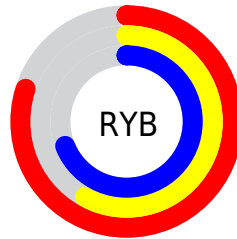
# Distribution



Red (80%)

Green (58%)

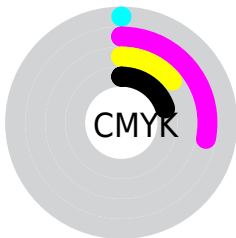
Blue (69%)



Red (80%)

Yellow (58%)

Blue (69%)

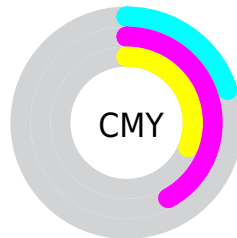


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (20%)



Cyan (20%)

Magenta (42%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13472945 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 13472945 by changing the saturation by 10% instead.



 13472945

 13472945

16777215

 11631254

 16763881

 9855356

 16771071

 8079460

 6435148

 4790837

 3212064

 1769478

 0

 13472945

 13472945

 13467815

 13478331

 13462429

 13483461

 13457299

 13488847

 13451913

 13493977

 13446783

 13499363

 13441397

 13500397

 13436267

 13500407

 13434984

 13500415

# Harmonies

## Analogous

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



12098246



13472945



13996953

# Triad

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



13472945



11118454



6205638

# Complementary

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



13472945



9751984

# 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.



6206129



13472945



9350530

# Square

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



13472945



12623734



7516568



7776979

# Rectangle

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



13472945



13866377



7516568



6009280



# Sweetspot

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



13472945



16772085



11572429



8418169



0



8421504



# Same Dimension

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



13472945



16755670



13472917



6708321



10879060



2490387



# Inverse Universe

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



13472945



16755670



9752012



6708321



10879060

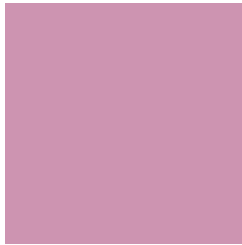


2490387



# Previews

## White Background



This preview shows how the Decimal color 13472945 looks on a white background.

## Color Contrast Check

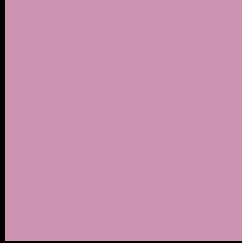
Large Text (above 18pt) WCAG AA × Fail

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 13472945 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

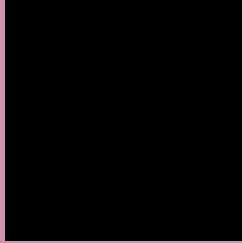
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13472945 Background



This preview shows how black text looks on a background with the Decimal color 13472945.



This preview shows how white text looks on a background with the Decimal color 13472945.

# 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



**Original Color**  
13472945

**Protanopia**  
10593467

**Deuteranopia**  
11575471



**Tritanopia**  
13342626

# Trichromacy



**Original Color**  
13472945

**Protanomaly**  
11640503

**Deuteranomaly**  
12295344

**Tritanomaly**  
13407911

# Monochromacy



**Original Color**  
13472945

**Achromatopsia**  
11053224

**Achromatomaly**  
11903403

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13472945 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 #CD94B1 looks like.

```
.text, #text, p{  
    color:#CD94B1  
}
```

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 #CD94B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD94B1
}
```

## Border

The CSS property to change the border of an element to Decimal 13472945 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
#CD94B1 }
```

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

```
.border{ border-color:#CD94B1 }
```

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

Here you see how a box with a 4 pixel #CD94B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD94B1; -webkit-box-shadow:4px 4px  
4px 4px #CD94B1; box-shadow:4px 4px 4px  
4px #CD94B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 13472945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD94B1 }
```

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

```
.background{ background-color:#CD94B1 }
```

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