

# Converting Colors

Decimal(13407940)

Have a look what the booklet for  
Decimal(13407940) contains.

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# **Color**

**Decimal(13407940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC96C4
RGB	204, 150, 196
RGB Percent	80%, 59%, 77%
CMY	0.2000, 0.4118, 0.2314
CMYK	0.00, 0.26, 0.04, 0.20
HSL	309°, 35%, 69%
HSV	309°, 26%, 80%
XYZ	45.7720, 38.6356, 57.2695
YIQ	171.3900, 17.4180, 25.7540

# Conversions

## Conversions Part 2

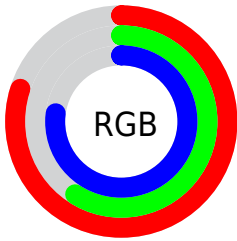
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 150, 196
Decimal	13407940
CIE <sub>Lab</sub>	68.49, 27.75, -15.78
CIE <sub>LCh</sub>	68, 31.919, 330.379
Yxy	38.6356, 0.3231, 0.2727
Android (android.graphics.Color)	4291598020 (0xFFCC96C4)
YUV	171.3900, 12.1327, 28.5990
Hunter-Lab	62.1575, 22.6694, -11.1172

# Details

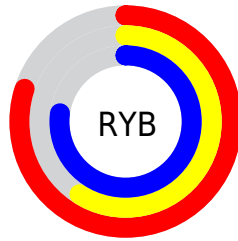
The Decimal color **13407940** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9882782**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16764413**, and **9790094** is the 20% darker color. If you saturate the color by 10%, you get **13402817**, and if you desaturate by 10%, it is **13413063**.

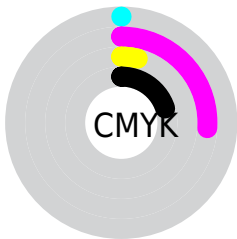
# Distribution



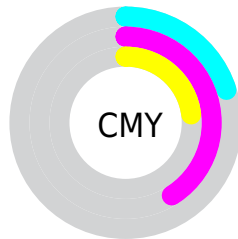
- Red (80%)
- Green (59%)
- Blue (77%)



- Red (80%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13407940 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 13407940 by changing the saturation by 10% instead.



 13407940

 13407940

16777215

 11566249

 16764413

 9790094

 16771583

 8079989

 6369884

 4791108

 3212334

 1900569

 0

 13407940

 13407940

 13402817

 13413063

 13397438

 13418442

 13392315

 13423565

 13386936

 13428944

 13381813

 13434067

 13376690

 13434838

 13371311

 13434841

 13369518

 13434844

 13434847

# Harmonies

## Analogous

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



11247577



13407940



14586280

# Triad

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



13407940



12297581



4503235

# Complementary

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



13407940



9882782

# 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.



5879718



13407940



10268276

# Square

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



13407940



13802358



8041610



5681880

# Rectangle

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



13407940



14717588



8041610



4765626



# Sweetspot

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



13407940



16772092



10327756



8418174



0



8421504



# Same Dimension

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



13407940



16756211



13407914



6708324



10879117



2490401



# Inverse Universe

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



13407940



16756211



9882808



6708324



10879117

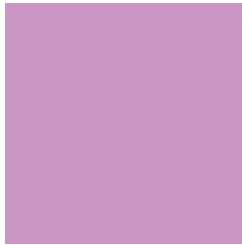


2490401



# Previews

## White Background



This preview shows how the Decimal color 13407940 looks on a white background.

## Color Contrast Check

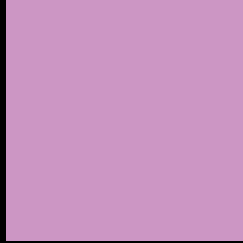
Large Text (above 18pt) WCAG AA × Fail

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 13407940 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

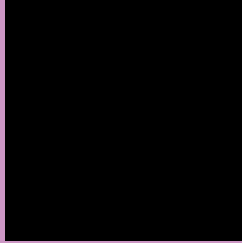
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13407940 Background



This preview shows how black text looks on a background with the Decimal color 13407940.

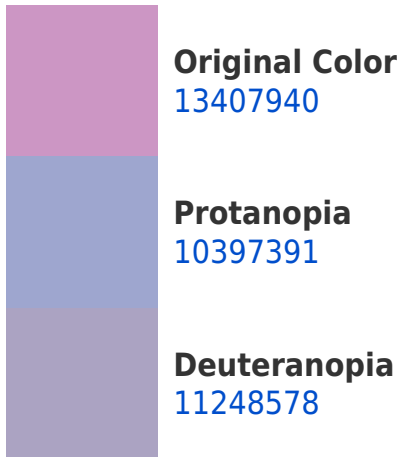


This preview shows how white text looks on a background with the Decimal color 13407940.

# 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**  
13147047

# Trichromacy



**Original Color**  
13407940

**Protanomaly**  
11509963

**Deuteranomaly**  
12033731

**Tritanomaly**  
13212082

# Monochromacy



**Original Color**  
13407940

**Achromatopsia**  
11250603

**Achromatomaly**  
12034996

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13407940 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 #CC96C4 looks like.

```
.text, #text, p{  
    color:#CC96C4  
}
```

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 #CC96C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC96C4
}
```

## Border

The CSS property to change the border of an element to Decimal 13407940 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
#CC96C4 }
```

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

```
.border{ border-color:#CC96C4 }
```

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

Here you see how a box with a 4 pixel #CC96C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC96C4; -webkit-box-shadow:4px 4px  
4px 4px #CC96C4; box-shadow:4px 4px 4px  
4px #CC96C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13407940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC96C4 }
```

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

```
.background{ background-color:#CC96C4 }
```

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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