

# Converting Colors

Decimal(13003947)

Have a look what the booklet for  
Decimal(13003947) contains.

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# **Color**

**Decimal(13003947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C66CAB
RGB	198, 108, 171
RGB Percent	78%, 42%, 67%
CMY	0.2235, 0.5765, 0.3294
CMYK	0.00, 0.45, 0.14, 0.22
HSL	318°, 44%, 60%
HSV	318°, 45%, 78%
XYZ	36.0020, 25.6712, 41.5856
YIQ	142.0920, 33.4170, 38.6730

# Conversions

## Conversions Part 2

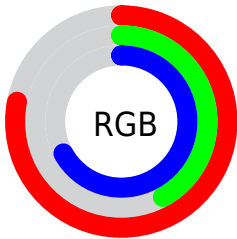
Format	Color
<b>RYB</b>	198, 108, 171
Decimal	13003947
CIELab	57.72, 44.00, -18.00
CIELCh	58, 47.535, 337.751
Yxy	25.6712, 0.3487, 0.2486
Android (android.graphics.Color)	4291194027 (0xFFC66CAB)
YUV	142.0920, 14.2516, 49.0313
Hunter-Lab	50.6667, 38.1689, -13.1966

# Details

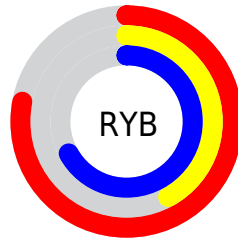
The Decimal color **13003947** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7128711**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16753378**, and **9320567** is the 20% darker color. If you saturate the color by 10%, you get **12998821**, and if you desaturate by 10%, it is **13009073**.

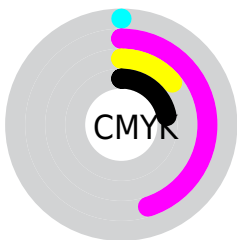
# Distribution



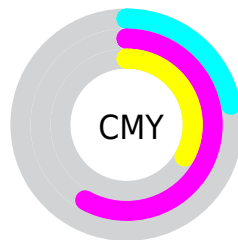
- Red (78%)
- Green (42%)
- Blue (67%)



- Red (78%)
- Yellow (42%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13003947 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 13003947 by changing the saturation by 10% instead.



 13003947

 13003947

16777215

 11162256

 16753378

 9320567

 16760319

 7544158

 16767743

 5832774

 16775167

 4128815

 2687003

 0

 13003947

 13003947

 12998821

 13009073

12993695

13014199

12988825

13019069

12983699

13024195

12978573

13029321

12976267

13034447

13039573

13041627

13041632

# Harmonies

## Analogous

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



10255309



13003947



14116481

# Triad

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



13003947



9997364



40636

# Complementary

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



13003947



7128711

# 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.



40853



13003947



7116614

# Square

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



13003947



12287293



2792810



38871

# Rectangle

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



13003947



14051942



2792810



40880



# Sweetspot

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



13003947



16767988



8875206



8415865



0



8421504



# Same Dimension

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



13003947



16741333



13003902



6511200



10682482



2359321



# Inverse Universe

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



13003947



16741333



7128756



6511200



10682482



2359321



# Previews

## White Background



This preview shows how the Decimal color 13003947 looks on a white background.

## Color Contrast Check

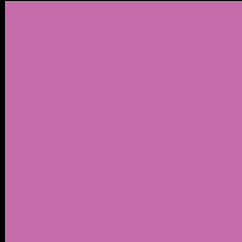
Large Text (above 18pt) WCAG AA ✓ Pass

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 13003947 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

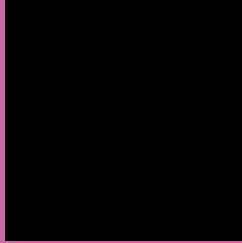
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13003947 Background



This preview shows how black text looks on a background with the Decimal color 13003947.




This preview shows how white text looks on a background with the Decimal color 13003947.

# 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**  
12678526

# Trichromacy



**Original Color**  
13003947



**Protanomaly**  
9862840



**Deuteranomaly**  
10518184



**Tritanomaly**  
12808846

# Monochromacy



**Original Color**  
13003947



**Achromatopsia**  
9342606



**Achromatomaly**  
10650265

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13003947 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 #C66CAB looks like.

```
.text, #text, p{  
    color:#C66CAB  
}
```

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 #C66CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66CAB
}
```

## Border

The CSS property to change the border of an element to Decimal 13003947 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
#C66CAB }
```

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

```
.border{ border-color:#C66CAB }
```

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

Here you see how a box with a 4 pixel #C66CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66CAB; -webkit-box-shadow:4px 4px  
4px 4px #C66CAB; box-shadow:4px 4px 4px  
4px #C66CAB }
```

# Background

The CSS property to change the background color of an element to Decimal 13003947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66CAB }
```

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

```
.background{ background-color:#C66CAB }
```

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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