

# Converting Colors

Decimal(13015007)

Have a look what the booklet for  
Decimal(13015007) contains.

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# **Color**

**Decimal(13015007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C697DF
RGB	198, 151, 223
RGB Percent	78%, 59%, 87%
CMY	0.2235, 0.4078, 0.1255
CMYK	0.11, 0.32, 0.00, 0.13
HSL	279°, 53%, 73%
HSV	279°, 32%, 87%
XYZ	47.6746, 39.4667, 74.9171
YIQ	173.2610, 4.9000, 32.3560

# Conversions

## Conversions Part 2

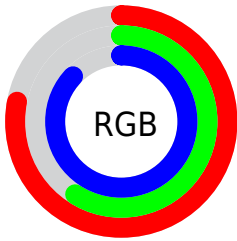
Format	Color
<a href="#">RYB</a>	<a href="#">198, 151, 223</a>
Decimal	<a href="#">13015007</a>
CIELab	<a href="#">69.09, 30.51, -29.86</a>
CIElCh	<a href="#">69, 42.693, 315.617</a>
Yxy	<a href="#">39.4667, 0.2942, 0.2435</a>
Android (android.graphics.Color)	<a href="#">4291205087 (0xFFC697DF)</a>
YUV	<a href="#">173.2610, 24.5213, 21.6961</a>
Hunter-Lab	<a href="#">62.8225, 25.5202, -26.7288</a>

# Details

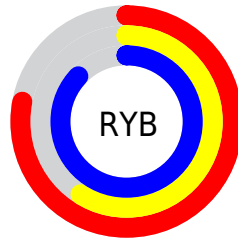
The Decimal color **13015007** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11591575**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16764671**, and **9397160** is the 20% darker color. If you saturate the color by 10%, you get **12485087**, and if you desaturate by 10%, it is **13544927**.

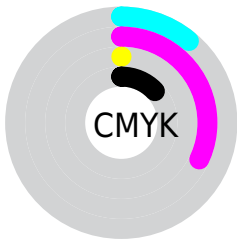
# Distribution



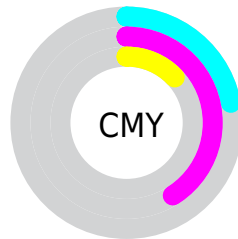
- Red (78%)
- Green (59%)
- Blue (87%)



- Red (78%)
- Yellow (59%)
- Blue (87%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (41%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13015007 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 13015007 by changing the saturation by 10% instead.



13015007

13015007

16777215

11173315

16764671

9397160

16771839

7687053

5976947

4398170

2753858

1572908

278

0

 13015007

 13015007

 12485087

 13544927

 12020447

 14009567

 11490527

 14539487

 10960607

 15069407

 10430431

 15597535

 9966047

 16056287

 9568479

 16580575

 16777183

# Harmonies

## Analogous

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



9479923



13015007



15240381

# Triad

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



13015007



13738077



48572

# Complementary

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



13015007



11591575

# 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.



4963476



13015007



11382108

# Square

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



13015007



15372915



8566385



47839

# Rectangle

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



13015007



15894947



8566385



114095



# Sweetspot

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



13015007



16180991



9941215



8024192



0



8421504



# Same Dimension

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



13015007



14458111



14653396



7103856



7536816



2097200



# Inverse Universe

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



14653360



16751806



9953186



7365993



11534397

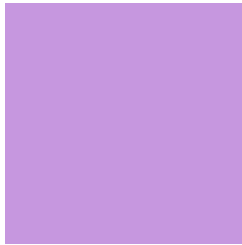


3145745



# Previews

## White Background



This preview shows how the Decimal color 13015007 looks on a white background.

## Color Contrast Check

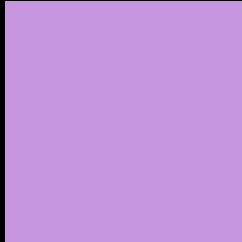
Large Text (above 18pt) WCAG AA × Fail

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 13015007 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 13015007 Background



This preview shows how black text looks on a background with the Decimal color 13015007.




This preview shows how white text looks on a background with the Decimal color 13015007.

# 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**  
12493229

# Trichromacy



**Original Color**

13015007



**Protanomaly**

10920423



**Deuteranomaly**

11379165



**Tritanomaly**

12688831

# Monochromacy



**Original Color**

13015007



**Achromatopsia**

11382189



**Achromatomaly**

11969983

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13015007 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 #C697DF looks like.

```
.text, #text, p{  
    color:#C697DF  
}
```

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 #C697DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C697DF
}
```

## Border

The CSS property to change the border of an element to Decimal 13015007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

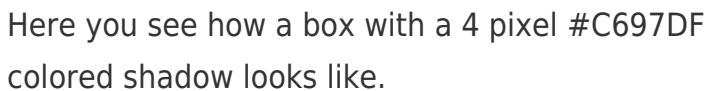
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C697DF }
```

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

```
.border{ border-color:#C697DF }
```

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



Here you see how a box with a 4 pixel `#C697DF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C697DF; -webkit-box-shadow:4px 4px  
4px 4px #C697DF; box-shadow:4px 4px 4px  
4px #C697DF }
```

# Background

The CSS property to change the background color of an element to Decimal 13015007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C697DF }
```

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

```
.background{ background-color:#C697DF }
```

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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