

# Converting Colors

Decimal(13213166)

Have a look what the booklet for  
Decimal(13213166) contains.

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# **Color**

**Decimal(13213166)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C99DEE
RGB	201, 157, 238
RGB Percent	79%, 62%, 93%
CMY	0.2118, 0.3843, 0.0667
CMYK	0.16, 0.34, 0.00, 0.07
HSL	273°, 70%, 77%
HSV	273°, 34%, 93%
XYZ	51.5770, 42.7045, 86.4133
YIQ	179.3900, 0.2230, 34.5190

# Conversions

## Conversions Part 2

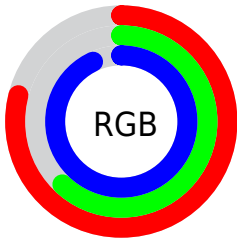
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 157, 238</a>
Decimal	<a href="#">13213166</a>
CIELab	<a href="#">71.35, 31.30, -34.56</a>
CIELCh	<a href="#">71, 46.628, 312.168</a>
Yxy	<a href="#">42.7045, 0.2854, 0.2363</a>
Android (android.graphics.Color)	<a href="#">4291403246 (0xFFC99DEE)</a>
YUV	<a href="#">179.3900, 28.8947, 18.9520</a>
Hunter-Lab	<a href="#">65.3487, 26.5224, -32.6576</a>

# Details

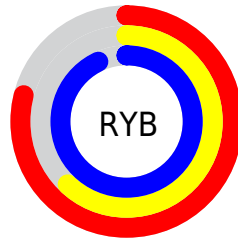
The Decimal color **13213166** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12775069**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16766207**, and **9595318** is the 20% darker color. If you saturate the color by 10%, you get **12486126**, and if you desaturate by 10%, it is **13940206**.

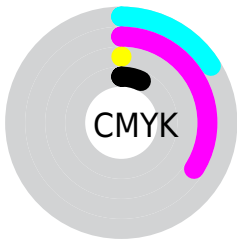
# Distribution



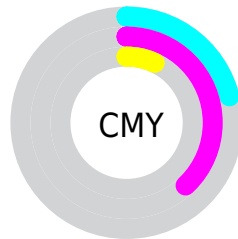
- Red (79%)
- Green (62%)
- Blue (93%)



- Red (79%)
- Yellow (62%)
- Blue (93%)



- Cyan (16%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (38%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13213166 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 13213166 by changing the saturation by 10% instead.



 13213166

 13213166

16777215

 11371474

 16766207

 9595318

 16773631

 7819419

 6109568

 4465255

 2820943

 1572919

 545

 6

 13213166

 13213166

 12486126

 13940206

 11759086

 14667246

 11032302

 15394030

 10370798

 16055534

 9643758

 16777198

 8916718

 8454382

# Harmonies

## Analogous

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



9022975



13213166



15831242

# Triad

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



13213166



14590813



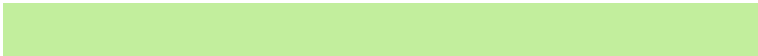
50623

# Complementary

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



13213166



12775069

# 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.



5096339



13213166



12104281

# Square

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



13213166



16291192



9026926



49895

# Rectangle

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



13213166



16616621



9026926



50609



# Sweetspot

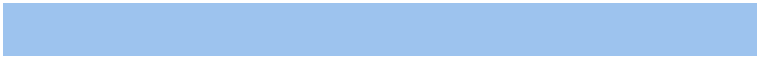
The Sweet Spot groups the original color and five complimentary colors.



13213166



15984383



10339310



7958656



0



8421504



# Same Dimension

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



13213166



13604607



15637995



7498872



6553784



1966136



# Inverse Universe

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



15637954



16750278



10350240



7892081



12058708

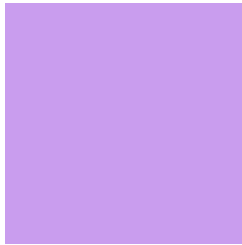


3670042



# Previews

## White Background



This preview shows how the Decimal color 13213166 looks on a white background.

## Color Contrast Check

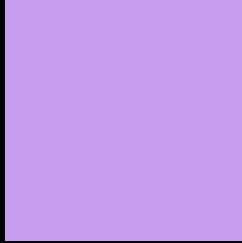
Large Text (above 18pt) WCAG AA × Fail

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 13213166 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

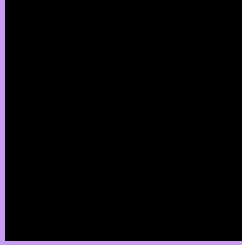
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13213166 Background



This preview shows how black text looks on a background with the Decimal color 13213166.

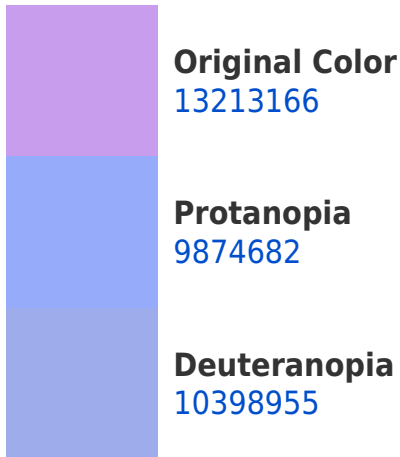



This preview shows how white text looks on a background with the Decimal color 13213166.

# 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**  
12626102

# Trichromacy



**Original Color**  
13213166



**Protanomaly**  
11118582



**Deuteranomaly**  
11446252



**Tritanomaly**  
12821706

# Monochromacy



**Original Color**  
13213166



**Achromatopsia**  
11776947



**Achromatomaly**  
12299208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13213166 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 #C99DEE looks like.

```
.text, #text, p{  
    color:#C99DEE  
}
```

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 #C99DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99DEE
}
```

## Border

The CSS property to change the border of an element to Decimal 13213166 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
#C99DEE }
```

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

```
.border{ border-color:#C99DEE }
```

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

Here you see how a box with a 4 pixel #C99DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99DEE; -webkit-box-shadow:4px 4px  
4px 4px #C99DEE; box-shadow:4px 4px 4px  
4px #C99DEE }
```

# Background

The CSS property to change the background color of an element to Decimal 13213166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99DEE }
```

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

```
.background{ background-color:#C99DEE }
```

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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