

# Converting Colors

Decimal(13150191)

Have a look what the booklet for  
Decimal(13150191) contains.

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# **Color**

**Decimal(13150191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8A7EF
RGB	200, 167, 239
RGB Percent	78%, 65%, 94%
CMY	0.2157, 0.3451, 0.0627
CMYK	0.16, 0.30, 0.00, 0.06
HSL	268°, 69%, 80%
HSV	268°, 30%, 94%
XYZ	53.2181, 46.1488, 87.7641
YIQ	185.0750, -3.4440, 29.3880

# Conversions

## Conversions Part 2

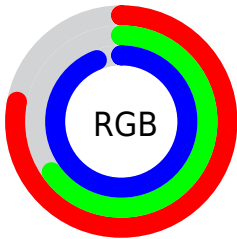
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 167, 239
Decimal	13150191
CIE Lab	73.64, 25.72, -31.57
CIE LCh	74, 40.724, 309.165
Yxy	46.1488, 0.2844, 0.2466
Android (android.graphics.Color)	4291340271 (0xFFC8A7EF)
YUV	185.0750, 26.5850, 13.0892
Hunter-Lab	67.9329, 20.9530, -29.0451

# Details

The Decimal color **13150191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13561767**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16768767**, and **9532343** is the 20% darker color. If you saturate the color by 10%, you get **12292079**, and if you desaturate by 10%, it is **14008303**.

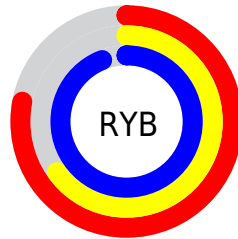
# Distribution



Red (78%)

Green (65%)

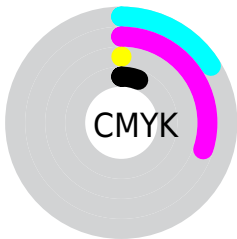
Blue (94%)



Red (78%)

Yellow (65%)

Blue (94%)

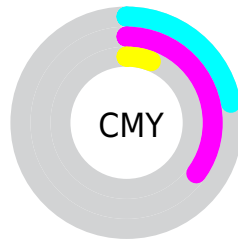


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (35%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13150191 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 13150191 by changing the saturation by 10% instead.



 13150191

 13150191

16777215

 11308243

 16768767

 9532343

 16776191

 7821980

 6111873

 4467560

 2889296

 1441848

 546

 8

■ 13150191

■ 13150191

■ 12292079

■ 14008303

■ 11433967

■ 14866415

■ 10575855

■ 15724527

■ 9717743

■ 16580591

■ 8859631

■ 16777199

■ 8001775

■ 7209199

# Harmonies

## Analogous

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



9549310



13150191



15571920

# Triad

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



13150191



14920304



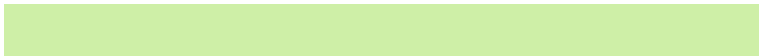
3197376

# Complementary

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



13150191



13561767

# 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.



6997913



13150191



12760682

# Square

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



13150191



16359048



10076538



51171

# Rectangle

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



13150191



16423095



10076538



4639155



# Sweetspot

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



13150191



15984895



10997743



7893376



0



8421504



# Same Dimension

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



13150191



13476863



15443951



7433336



5505208



1703992



# Inverse Universe

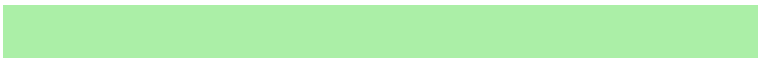
The Inverse Universe completely reimagines the original color for something new.



15706062



16753621



11268007



7892082



12058723

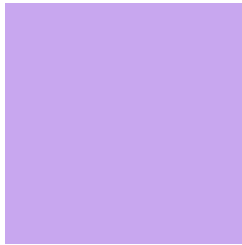


3670046



# Previews

## White Background



This preview shows how the Decimal color 13150191 looks on a white background.

## Color Contrast Check

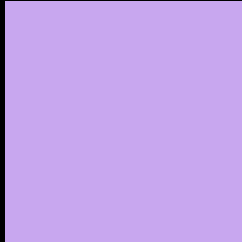
Large Text (above 18pt) WCAG AA × Fail

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 13150191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

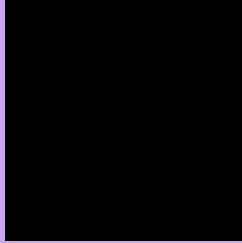
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13150191 Background



This preview shows how black text looks on a background with the Decimal color 13150191.

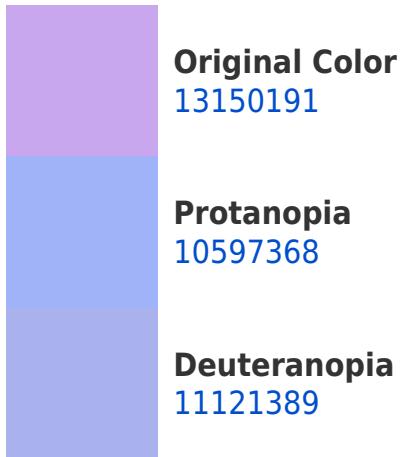



This preview shows how white text looks on a background with the Decimal color 13150191.

# 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**  
12628158

# Trichromacy



**Original Color**  
13150191

**Protanomaly**  
11513845

**Deuteranomaly**  
11841262

**Tritanomaly**  
12824016

# Monochromacy



**Original Color**  
13150191

**Achromatopsia**  
12171705

**Achromatomaly**  
12497613

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13150191 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 #C8A7EF looks like.

```
.text, #text, p{  
  color:#C8A7EF  
}
```

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 #C8A7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A7EF
}
```

## Border

The CSS property to change the border of an element to Decimal 13150191 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
#C8A7EF }
```

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

```
.border{ border-color:#C8A7EF }
```

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

Here you see how a box with a 4 pixel #C8A7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A7EF; -webkit-box-shadow:4px 4px  
4px 4px #C8A7EF; box-shadow:4px 4px 4px  
4px #C8A7EF }
```

# Background

The CSS property to change the background color of an element to Decimal 13150191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A7EF }
```

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

```
.background{ background-color:#C8A7EF }
```

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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