

# Converting Colors

Decimal(13118150)

Have a look what the booklet for  
Decimal(13118150) contains.

<b>Decimal(13118150)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(13118150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C82AC6
RGB	200, 42, 198
RGB Percent	78%, 16%, 78%
CMY	0.2157, 0.8353, 0.2235
CMYK	0.00, 0.79, 0.01, 0.22
HSL	301°, 65%, 47%
HSV	301°, 79%, 78%
XYZ	34.8404, 18.0125, 55.0665
YIQ	107.0260, 44.0920, 82.0120

# Conversions

## Conversions Part 2

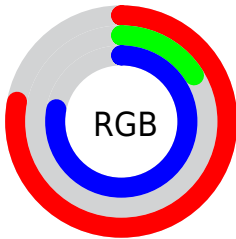
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 42, 198
Decimal	13118150
CIE <sub>Lab</sub>	49.51, 75.46, -46.39
CIE <sub>LCh</sub>	50, 88.582, 328.416
Yxy	18.0125, 0.3228, 0.1669
Android (android.graphics.Color)	4291308230 (0xFFC82AC6)
YUV	107.0260, 44.8502, 81.5382
Hunter-Lab	42.4411, 72.2607, -47.2188

# Details

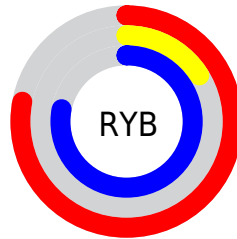
The Decimal color **13118150** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **2803756**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **16739327**, and **9306255** is the 20% darker color. If you saturate the color by 10%, you get **13113030**, and if you desaturate by 10%, it is **13123270**.

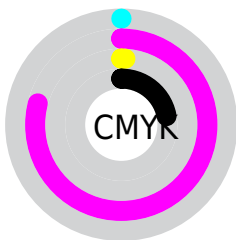
# Distribution



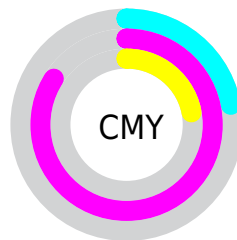
- Red (78%)
- Green (16%)
- Blue (78%)



- Red (78%)
- Yellow (16%)
- Blue (78%)



- Cyan (0%)
- Magenta (79%)
- Yellow (1%)
- Black (22%)




- Cyan (22%)
- Magenta (84%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13118150 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 13118150 by changing the saturation by 10% instead.



 13118150

 13118150

16777215

 11206826

 16739327

 9306255

 16747007

 7405685

 16754431

 5570652

 16761855


 3932228


 16769535

 1900588

 278

 0

 13118150

 13118150

13113030

13123270

13107909

13128391

13107397

13133511

13138631

13143751

13148872

13153992

13159112

13164232

# Harmonies

## Analogous

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



5661693



13118150



15794301

# Triad

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



13118150



9662976



38076

# Complementary

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



13118150



2803756

# 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.



37743



13118150



4621568

# Square

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



13118150



13323776



36632



37111

# Rectangle

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



13118150



15925324



36632



38052



# Sweetspot

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



13118150



16761598



2763464



8412031



0



8421504



# Same Dimension

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



13118150



16715260



13118073



6511203



10682529



2359331



# Inverse Universe

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



13118150



16715260



2803833



6511203



10682529

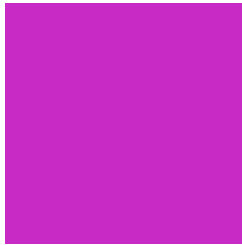


2359331



# Previews

## White Background



This preview shows how the Decimal color 13118150 looks on a white background.

## Color Contrast Check

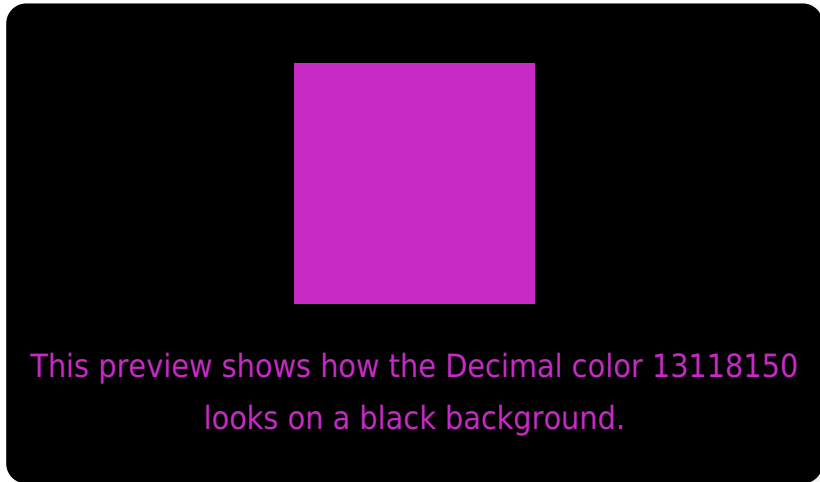
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

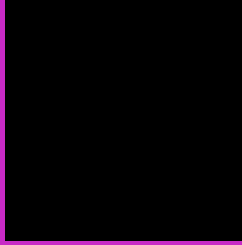
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13118150 Background



This preview shows how black text looks on a background with the Decimal color 13118150.



This preview shows how white text looks on a background with the Decimal color 13118150.

# 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





# Trichromacy



**Original Color**  
13118150



**Protanomaly**  
4806882



**Deuteranomaly**  
8149695



**Tritanomaly**  
12600706

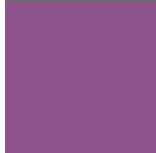
# Monochromacy



**Original Color**  
13118150



**Achromatopsia**  
7039851



**Achromatomaly**  
9261964

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13118150 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 #C82AC6 looks like.

```
.text, #text, p{  
    color:#C82AC6  
}
```

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 #C82AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82AC6
}
```

## Border

The CSS property to change the border of an element to Decimal 13118150 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
#C82AC6 }
```

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

```
.border{ border-color:#C82AC6 }
```

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

Here you see how a box with a 4 pixel #C82AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82AC6; -webkit-box-shadow:4px 4px  
4px 4px #C82AC6; box-shadow:4px 4px 4px  
4px #C82AC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 13118150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82AC6 }
```

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

```
.background{ background-color:#C82AC6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor