

# Converting Colors

Decimal(13127846)

Have a look what the booklet for  
Decimal(13127846) contains.

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# **Color**

**Decimal(13127846)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C850A6
RGB	200, 80, 166
RGB Percent	78%, 31%, 65%
CMY	0.2157, 0.6863, 0.3490
CMYK	0.00, 0.60, 0.17, 0.22
HSL	317°, 52%, 55%
HSV	317°, 60%, 78%
XYZ	33.5710, 20.7699, 38.3160
YIQ	125.6840, 43.9140, 52.1860

# Conversions

## Conversions Part 2

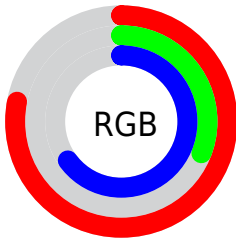
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 80, 166
Decimal	13127846
CIE <sub>Lab</sub>	52.70, 57.33, -22.76
CIE <sub>LCh</sub>	53, 61.682, 338.349
Yxy	20.7699, 0.3623, 0.2242
Android (android.graphics.Color)	4291317926 (0xFFC850A6)
YUV	125.6840, 19.8758, 65.1751
Hunter-Lab	45.5740, 51.7335, -17.9459

# Details

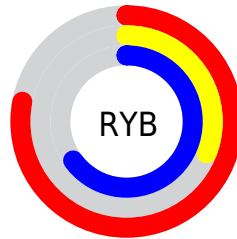
The Decimal color **13127846** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **5294194**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16746461**, and **9375858** is the 20% darker color. If you saturate the color by 10%, you get **13122720**, and if you desaturate by 10%, it is **13132972**.

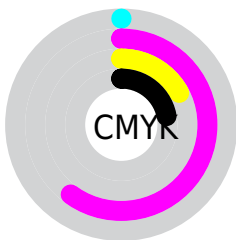
# Distribution



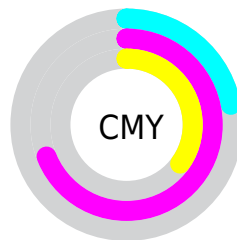
- Red (78%)
- Green (31%)
- Blue (65%)



- Red (78%)
- Yellow (31%)
- Blue (65%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (22%)




- Cyan (22%)
- Magenta (69%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13127846 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 13127846 by changing the saturation by 10% instead.



 13127846

 13127846

16777215

 11219852

 16746461

 9375858

 16753658

 7536729

 16761087

 5767233

 16768255


 4063275

 16775935


 2293782

 0

 13127846

 13127846

 13122720

 13132972

13117595

13138097

13112469

13143223

13107343

13148349

13153474

13158600

13163726

13168851

13172697

# Harmonies

## Analogous

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



9595346



13127846



14435953

# Triad

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



13127846



9011200



38334

# Complementary

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



13127846



5294194

# 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.



38540



13127846



5279008

# Square

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



13127846



11889933



37972



36576

# Rectangle

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



13127846



14241359



37972



38575



# Sweetspot

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



13127846



16765426



7491784



8414072



0



8421504



# Same Dimension

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



13127846



16730059



13127786



6511201



10682485



2359322



# Inverse Universe

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



13127846



16730059



5294254



6511201



10682485



2359322



# Previews

## White Background



This preview shows how the Decimal color 13127846 looks on a white background.

## Color Contrast Check

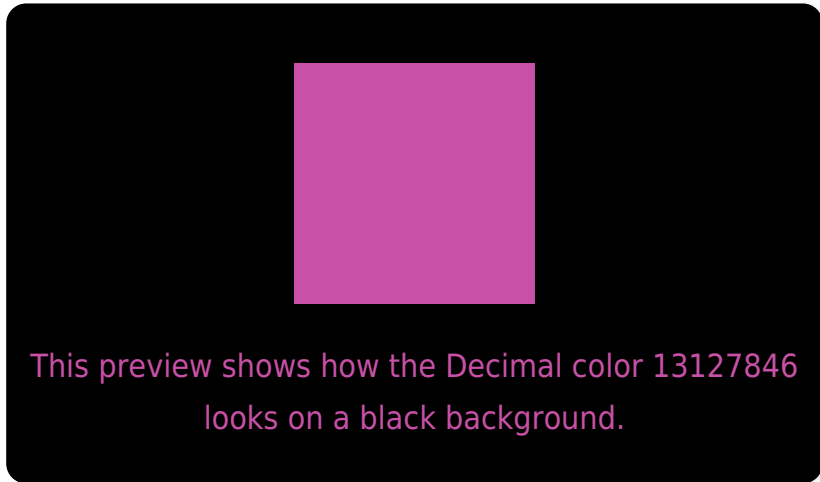
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 13127846 Background



This preview shows how black text looks on a background with the Decimal color 13127846.



This preview shows how white text looks on a background with the Decimal color 13127846.

# Color Blindness Simulation

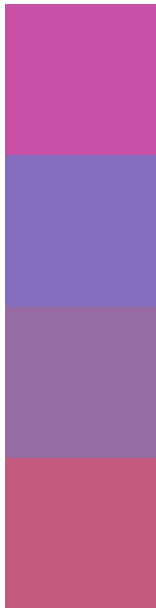
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
13127846

**Protanomaly**  
8809660

**Deuteranomaly**  
9858210

**Tritanomaly**  
12868222

# Monochromacy



**Original Color**  
13127846

**Achromatopsia**  
8289918

**Achromatomaly**  
10055053

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13127846 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 #C850A6 looks like.

```
.text, #text, p{  
  color:#C850A6  
}
```

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 #C850A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C850A6
}
```

## Border

The CSS property to change the border of an element to Decimal 13127846 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
#C850A6 }
```

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

```
.border{ border-color:#C850A6 }
```

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

Here you see how a box with a 4 pixel #C850A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C850A6; -webkit-box-shadow:4px 4px  
4px 4px #C850A6; box-shadow:4px 4px 4px  
4px #C850A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 13127846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C850A6 }
```

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

```
.background{ background-color:#C850A6 }
```

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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