

# Converting Colors

Decimal(13075112)

Have a look what the booklet for  
Decimal(13075112) contains.

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# **Color**

**Decimal(13075112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C782A8
RGB	199, 130, 168
RGB Percent	78%, 51%, 66%
CMY	0.2196, 0.4902, 0.3412
CMYK	0.00, 0.35, 0.16, 0.22
HSL	327°, 38%, 65%
HSV	327°, 35%, 78%
XYZ	38.6037, 30.9345, 40.9821
YIQ	154.9630, 28.9260, 26.4460

# Conversions

## Conversions Part 2

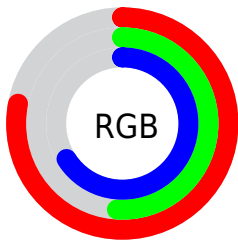
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 130, 168
Decimal	13075112
CIE <sub>Lab</sub>	62.45, 32.13, -9.14
CIE <sub>LCh</sub>	62, 33.401, 344.119
Yxy	30.9345, 0.3493, 0.2799
Android (android.graphics.Color)	4291265192 (0xFFC782A8)
YUV	154.9630, 6.4272, 38.6204
Hunter-Lab	55.6188, 26.5597, -4.7540

# Details

The Decimal color **13075112** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8570785**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16759007**, and **9457524** is the 20% darker color. If you saturate the color by 10%, you get **13069983**, and if you desaturate by 10%, it is **13080241**.

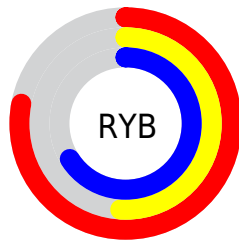
# Distribution



Red (78%)

Green (51%)

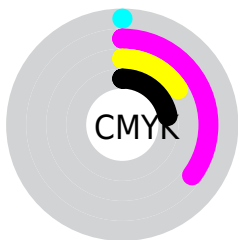
Blue (66%)



Red (78%)

Yellow (51%)

Blue (66%)

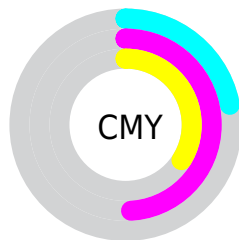


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13075112 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 13075112 by changing the saturation by 10% instead.



 13075112

 13075112

16777215

 11233422

 16759007

 9457524

 16766204

 7681883

 16773375

 5971780

 4326702

 2883609

 0

 13075112

 13075112

 13069983

 13080241

13064854

13085370

13059725

13090499

13054596

13095628

13049467

13100757

13044594

13105630

13041774

13107175

13107184

13107192

# Harmonies

## Analogous

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



11307714



13075112



13729930

# Triad

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



13075112



10328669



2467263

# Complementary

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



13075112



8570785

# 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.



3123108



13075112



8167787

# Square

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



13075112



12095582



5744262



5414863

# Rectangle

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



13075112



13599607



5744262



2139831



# Sweetspot

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



13075112



16770804



10519239



8417401



0



8421504



# Same Dimension

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



13075112



16749775



13075079



6511199



10682458



2359316



# Inverse Universe

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



13075112



16749775



8570818



6511199



10682458

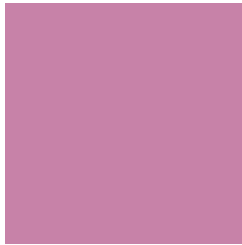


2359316



# Previews

## White Background



This preview shows how the Decimal color 13075112 looks on a white background.

## Color Contrast Check

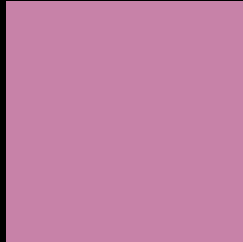
Large Text (above 18pt) WCAG AA × Fail

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 13075112 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

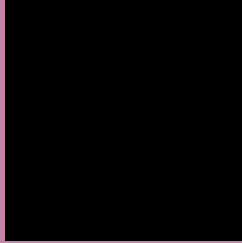
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13075112 Background



This preview shows how black text looks on a background with the Decimal color 13075112.



This preview shows how white text looks on a background with the Decimal color 13075112.

# 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**  
12879504

# Trichromacy



**Original Color**  
13075112

**Protanomaly**  
10850224

**Deuteranomaly**  
11439526

**Tritanomaly**  
12944793

# Monochromacy



**Original Color**  
13075112

**Achromatopsia**  
10197915

**Achromatomaly**  
11244192

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13075112 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 #C782A8 looks like.

```
.text, #text, p{  
    color:#C782A8  
}
```

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 #C782A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C782A8
}
```

## Border

The CSS property to change the border of an element to Decimal 13075112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

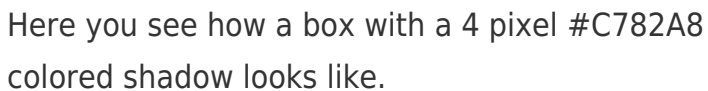
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C782A8 }
```

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

```
.border{ border-color:#C782A8 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #C782A8 colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #C782A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #C782A8; -webkit-box-shadow:4px 4px 4px 4px #C782A8; box-shadow:4px 4px 4px 4px #C782A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 13075112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C782A8 }
```

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

```
.background{ background-color:#C782A8 }
```

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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