

Converting Colors

Decimal(13011118)

Have a look what the booklet for
Decimal(13011118) contains.

Decimal(13011118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13011118)

Conversions

Conversions Part 1

Format	Color
Hex	C688AE
RGB	198, 136, 174
RGB Percent	78%, 53%, 68%
CMY	0.2235, 0.4667, 0.3176
CMYK	0.00, 0.31, 0.12, 0.22
HSL	323°, 35%, 65%
HSV	323°, 31%, 78%
XYZ	39.7328, 32.6701, 44.2562
YIQ	158.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

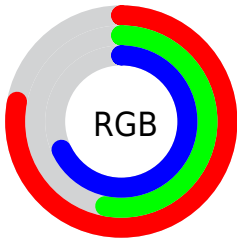
Format	Color
RYB	198, 136, 174
Decimal	13011118
CIELab	63.89, 29.49, -10.40
CIElCh	64, 31.274, 340.570
Yxy	32.6701, 0.3406, 0.2800
Android (android.graphics.Color)	4291201198 (0xFFC688AE)
YUV	158.8700, 7.4591, 34.3170
Hunter-Lab	57.1577, 24.0571, -5.8967

Details

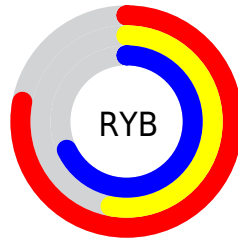
The Decimal color **13011118** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8963744**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16760549**, and **9393530** is the 20% darker color. If you saturate the color by 10%, you get **13005990**, and if you desaturate by 10%, it is **13016246**.

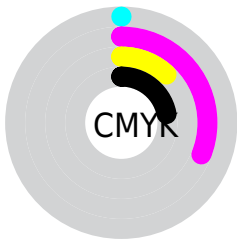
Distribution



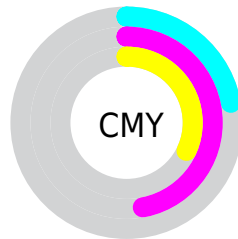
- Red (78%)
- Green (53%)
- Blue (68%)



- Red (78%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13011118 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 13011118 by changing the saturation by 10% instead.

 13011118

 13011118

16777215

 11169427

 16760549

 9393530

 16767743

 7683425

 16775167

 5973321

 4394290

 2883613

 524288

 0

 13011118

 13011118

13005990

13016246

13000863

13021373

12995991

13026245

12990863

13031373

12985736

13036500

12980608

13041628

12976249

13041636

13041643

13041651

Harmonies

Analogous

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



11243717



13011118



13797010

Triad

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



13011118



10787939



3844286

Complementary

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



13011118



8963744

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.



4500132



13011118



8758384

Square

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



13011118



12489575



6596999



5809103

Rectangle

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



13011118



13731968



6596999



3713462

Sweetspot

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



13011118



16771318



10520774



8417658



0



8421504

Same Dimension

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



13011118



16752345



13011087



6511200



10682468



2359318

Inverse Universe

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



13011118



16752345



8963775



6511200



10682468



2359318

Previews

White Background



This preview shows how the Decimal color 13011118 looks on a white background.

Color Contrast Check

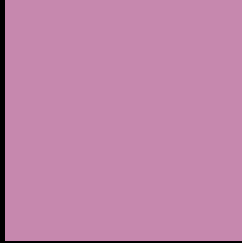
Large Text (above 18pt) WCAG AA × Fail

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 13011118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

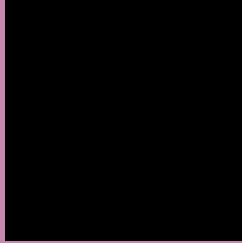
Any Text WCAG AA ✓ Pass

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 13011118 Background



This preview shows how black text looks on a background with the Decimal color 13011118.




This preview shows how white text looks on a background with the Decimal color 13011118.

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
12815511

Trichromacy



Original Color
13011118

Protanomaly
10916790

Deuteranomaly
11571884

Tritanomaly
12880799

Monochromacy



Original Color
13011118

Achromatopsia
10461087

Achromatomaly
11376548

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13011118 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 #C688AE looks like.

```
.text, #text, p{  
    color:#C688AE  
}
```

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 #C688AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C688AE
}
```

Border

The CSS property to change the border of an element to Decimal 13011118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

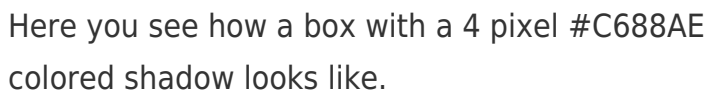
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C688AE }
```

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

```
.border{ border-color:#C688AE }
```

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 #C688AE colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #C688AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #C688AE; -webkit-box-shadow:4px 4px 4px 4px #C688AE; box-shadow:4px 4px 4px 4px #C688AE }
```

Background

The CSS property to change the background color of an element to Decimal 13011118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C688AE }
```

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

```
.background{ background-color:#C688AE }
```

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