

Converting Colors

Decimal(13085654)

Have a look what the booklet for
Decimal(13085654) contains.

Decimal(13085654)	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(13085654)

Conversions

Conversions Part 1

Format	Color
Hex	C7ABD6
RGB	199, 171, 214
RGB Percent	78%, 67%, 84%
CMY	0.2196, 0.3294, 0.1608
CMYK	0.07, 0.20, 0.00, 0.16
HSL	279°, 34%, 75%
HSV	279°, 20%, 84%
XYZ	50.2537, 46.1230, 69.8723
YIQ	184.2740, 2.8850, 19.3090

Conversions

Conversions Part 2

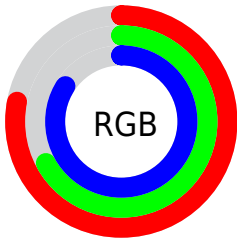
Format	Color
RYB	199, 171, 214
Decimal	13085654
CIELab	73.63, 17.99, -17.98
CIELCh	74, 25.439, 315.017
Yxy	46.1230, 0.3023, 0.2774
Android (android.graphics.Color)	4291275734 (0xFFC7ABD6)
YUV	184.2740, 14.6549, 12.9147
Hunter-Lab	67.9139, 13.2339, -13.4600

Details

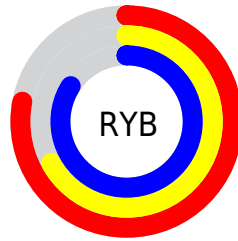
The Decimal color **13085654** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12244651**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16769791**, and **9533343** is the 20% darker color. If you saturate the color by 10%, you get **12621526**, and if you desaturate by 10%, it is **13549782**.

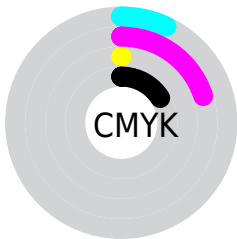
Distribution



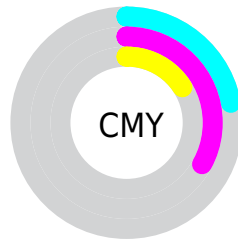
- Red (78%)
- Green (67%)
- Blue (84%)



- Red (78%)
- Yellow (67%)
- Blue (84%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13085654 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 13085654 by changing the saturation by 10% instead.

■ 13085654

■ 13085654

16777215

■ 11309242

■ 16769791

■ 9533343

■ 7822981

■ 6178412

■ 4599635

■ 3086908

■ 1769766

■ 272

■ 0

 13085654

 13085654

 12621526

 13549782

 12091606

 14079702

 11627478

 14543830

 11097558

 15073238

 10633430

 15531990

 10103766

 16056278

 9639382

 16515030

 9109718

 16777174

Harmonies

Analogous

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



11121634



13085654



14460354

Triad

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



13085654



13741960



7652032

Complementary

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



13085654



12244651

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.



8831400



13085654



12236680

Square

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



13085654



14723221



10534291



7651541

Rectangle

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



13085654



14918834



10534291



7914168

Sweetspot

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



13085654



16445695



11254486



8157056



0



8421504

Same Dimension

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



13085654



15385343



14068688



6774891



7274667



1835051

Inverse Universe

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



14068666



16761559



11261617



7037028



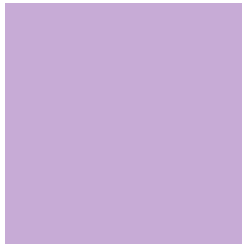
11206716



2818063

Previews

White Background



This preview shows how the Decimal color 13085654 looks on a white background.

Color Contrast Check

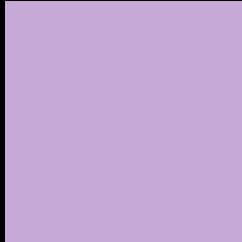
Large Text (above 18pt) WCAG AA × Fail

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 13085654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

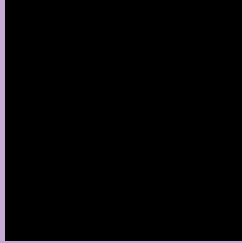
Any Text WCAG AA ✓ Pass

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 13085654 Background



This preview shows how black text looks on a background with the Decimal color 13085654.

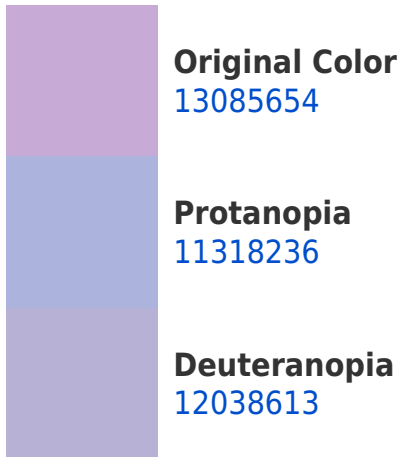


This preview shows how white text looks on a background with the Decimal color 13085654.

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
12824509

Trichromacy



Original Color
13085654

Protanomaly
11972826

Deuteranomaly
12431317

Tritanomaly
12889798

Monochromacy



Original Color
13085654

Achromatopsia
12105912

Achromatomaly
12432323

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13085654 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 #C7ABD6 looks like.

```
.text, #text, p{  
    color:#C7ABD6  
}
```

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 #C7ABD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7ABD6
}
```

Border

The CSS property to change the border of an element to Decimal 13085654 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
#C7ABD6 }
```

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

```
.border{ border-color:#C7ABD6 }
```

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

Here you see how a box with a 4 pixel #C7ABD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7ABD6; -webkit-box-shadow:4px 4px  
4px 4px #C7ABD6; box-shadow:4px 4px 4px  
4px #C7ABD6 }
```

Background

The CSS property to change the background color of an element to Decimal 13085654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7ABD6 }
```

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

```
.background{ background-color:#C7ABD6 }
```

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