

Converting Colors

Decimal(13086441)

Have a look what the booklet for
Decimal(13086441) contains.

Decimal(13086441)	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(13086441)

Conversions

Conversions Part 1

Format	Color
Hex	C7AEE9
RGB	199, 174, 233
RGB Percent	78%, 68%, 91%
CMY	0.2196, 0.3176, 0.0863
CMYK	0.15, 0.25, 0.00, 0.09
HSL	265°, 57%, 80%
HSV	265°, 25%, 91%
XYZ	53.3972, 48.2974, 83.5988
YIQ	188.2010, -4.0390, 23.6490

Conversions

Conversions Part 2

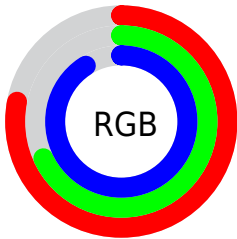
Format	Color
R _Y B	199, 174, 233
Decimal	13086441
CIE Lab	75.01, 20.28, -26.22
CIE LCh	75, 33.145, 307.714
Yxy	48.2974, 0.2882, 0.2607
Android (android.graphics.Color)	4291276521 (0xFFC7AEE9)
YUV	188.2010, 22.0859, 9.4707
Hunter-Lab	69.4963, 15.5311, -22.6739

Details

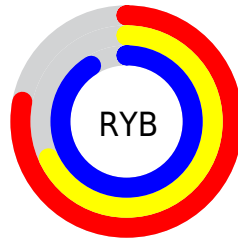
The Decimal color **13086441** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13691310**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16770815**, and **9468337** is the 20% darker color. If you saturate the color by 10%, you get **12228585**, and if you desaturate by 10%, it is **13944297**.

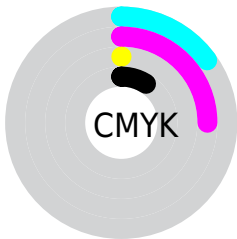
Distribution



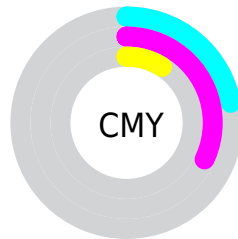
- Red (78%)
- Green (68%)
- Blue (91%)



- Red (78%)
- Yellow (68%)
- Blue (91%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13086441 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 13086441 by changing the saturation by 10% instead.

 13086441

 13086441

16777215

 11244493

 16770815

 9468337

 7758230

 6113660

 4534883

 2956363

 1508916

 542

 1

 13086441

 13086441

 12228585

 13944297

 11304937

 14867945

 10447081

 15725801

 9523689

 16646121

 8665833

 16777193

 7742185

 6884329

 6488297

Harmonies

Analogous

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



10271221



13086441



15115728

Triad

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



13086441



14790529



6343360

Complementary

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



13086441



13691310

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.



8505505



13086441



13023612

Square

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



13086441



15902357



10863240



5556445

Rectangle

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



13086441



15901372



10863240



6998453

Sweetspot

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



13086441



15985663



11456745



7893888



0



8421504

Same Dimension

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



13086441



13874175



14986985



7301749



5046453



1507382

Inverse Universe

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



15314640



16757727



11790766



7694960



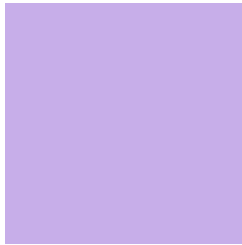
11862120



3538975

Previews

White Background



This preview shows how the Decimal color 13086441 looks on a white background.

Color Contrast Check

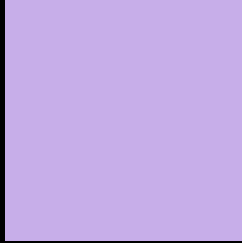
Large Text (above 18pt) WCAG AA × Fail

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 13086441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

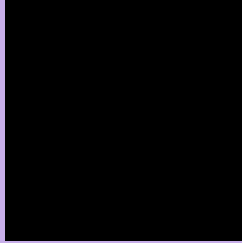
Any Text WCAG AA ✓ Pass

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 13086441 Background



This preview shows how black text looks on a background with the Decimal color 13086441.



This preview shows how white text looks on a background with the Decimal color 13086441.

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
12694979

Trichromacy



Original Color
13086441

Protanomaly
11908333

Deuteranomaly
12235496

Tritanomaly
12825297

Monochromacy



Original Color
13086441

Achromatopsia
12369084

Achromatomaly
12629964

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13086441 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 #C7AEE9 looks like.

```
.text, #text, p{  
    color:#C7AEE9  
}
```

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 #C7AEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AEE9
}
```

Border

The CSS property to change the border of an element to Decimal 13086441 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
#C7AEE9 }
```

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

```
.border{ border-color:#C7AEE9 }
```

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

Here you see how a box with a 4 pixel #C7AEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AEE9; -webkit-box-shadow:4px 4px  
4px 4px #C7AEE9; box-shadow:4px 4px 4px  
4px #C7AEE9 }
```

Background

The CSS property to change the background color of an element to Decimal 13086441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AEE9 }
```

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

```
.background{ background-color:#C7AEE9 }
```

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