

Converting Colors

Decimal(13806331)

Have a look what the booklet for
Decimal(13806331) contains.

Decimal(13806331)	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(13806331)

Conversions

Conversions Part 1

Format	Color
Hex	D2AAFB
RGB	210, 170, 251
RGB Percent	82%, 67%, 98%
CMY	0.1765, 0.3333, 0.0157
CMYK	0.16, 0.32, 0.00, 0.02
HSL	270°, 91%, 83%
HSV	270°, 32%, 98%
XYZ	58.3657, 49.4161, 97.7288
YIQ	191.1940, -2.1610, 33.6710

Conversions

Conversions Part 2

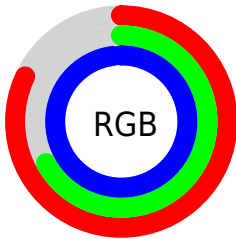
Format	Color
R _Y B	210, 170, 251
Decimal	13806331
CIE Lab	75.71, 29.69, -34.80
CIE LCh	76, 45.746, 310.465
Yxy	49.4161, 0.2840, 0.2405
Android (android.graphics.Color)	4291996411 (0xFFD2AAFB)
YUV	191.1940, 29.4844, 16.4929
Hunter-Lab	70.2966, 25.1854, -33.2195

Details

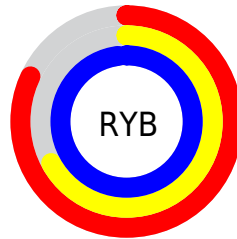
The Decimal color **13806331** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13892522**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16769791**, and **10122690** is the 20% darker color. If you saturate the color by 10%, you get **12947963**, and if you desaturate by 10%, it is **14664699**.

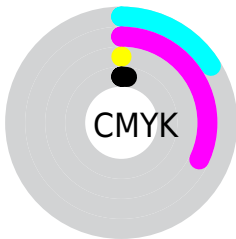
Distribution



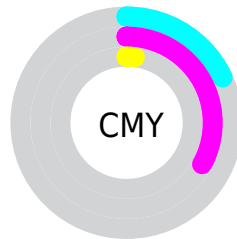
- Red (82%)
- Green (67%)
- Blue (98%)



- Red (82%)
- Yellow (67%)
- Blue (98%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13806331 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 13806331 by changing the saturation by 10% instead.

 13806331

 13806331

16777215

 11964382

 16769791

 10122690

16776959

 8412327

 6702220

 4992370

 3348313

 1769794

 43

 277

13806331

13806331

12947963

14664699

12155131

15457531

11296763

16315899

10438395

16777211

9580027

8786939

8126715

Harmonies

Analogous

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



9681663



13806331



16489944

Triad

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



13806331



15511147



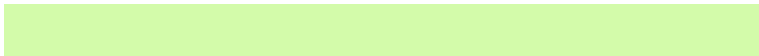
53704

Complementary

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



13806331



13892522

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.



6410141



13806331



13090150

Square

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



13806331



16752774



10078329



52976

Rectangle

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



13806331



16751036



10078329



2740666

Sweetspot

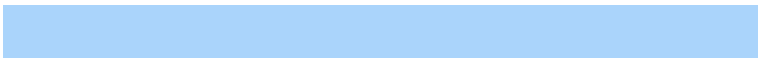
The Sweet Spot groups the original color and five complimentary colors.



13806331



15918847



11195643



7893120



0



8421504

Same Dimension

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



13806331



13475071



16427771



7827581



6095037



1966141

Inverse Universe

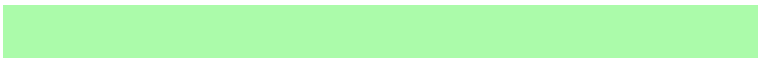
The Inverse Universe completely reimagines the original color for something new.



16493267



16751822



11271082



8220791



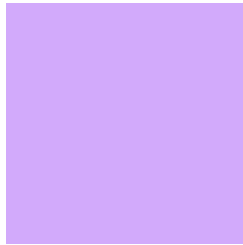
12386400



3997727

Previews

White Background



This preview shows how the Decimal color 13806331 looks on a white background.

Color Contrast Check

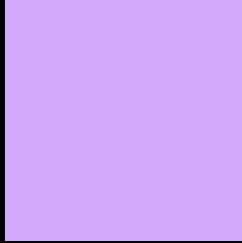
Large Text (above 18pt) WCAG AA × Fail

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 13806331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

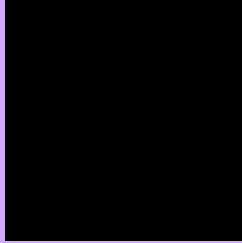
Any Text WCAG AA ✓ Pass

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 13806331 Background



This preview shows how black text looks on a background with the Decimal color 13806331.




This preview shows how white text looks on a background with the Decimal color 13806331.

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
13219267

Trichromacy



Original Color
13806331



Protanomaly
11973630



Deuteranomaly
12170233



Tritanomaly
13414871

Monochromacy



Original Color
13806331



Achromatopsia
12566463



Achromatomaly
13023189

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13806331 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 #D2AAFB looks like.

```
.text, #text, p{  
    color:#D2AAFB  
}
```

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 #D2AAFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AAFB
}
```

Border

The CSS property to change the border of an element to Decimal 13806331 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
#D2AAFB }
```

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

```
.border{ border-color:#D2AAFB }
```

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

Here you see how a box with a 4 pixel #D2AAFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AAFB; -webkit-box-shadow:4px 4px  
4px 4px #D2AAFB; box-shadow:4px 4px 4px  
4px #D2AAFB }
```

Background

The CSS property to change the background color of an element to Decimal 13806331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AAFB }
```

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

```
.background{ background-color:#D2AAFB }
```

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