

# Converting Colors

Decimal(13806076)

Have a look what the booklet for  
Decimal(13806076) contains.

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# **Color**

**Decimal(13806076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2A9FC
RGB	210, 169, 252
RGB Percent	82%, 66%, 99%
CMY	0.1765, 0.3373, 0.0118
CMYK	0.17, 0.33, 0.00, 0.01
HSL	270°, 93%, 83%
HSV	270°, 33%, 99%
XYZ	58.3370, 49.1058, 98.4991
YIQ	190.7210, -2.2070, 34.5050

# Conversions

## Conversions Part 2

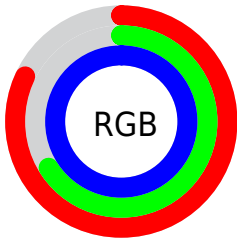
Format	Color
R <sub>YB</sub>	210, 169, 252
Decimal	13806076
CIE Lab	75.52, 30.45, -35.64
CIE LCh	76, 46.875, 310.507
Yxy	49.1058, 0.2833, 0.2384
Android (android.graphics.Color)	4291996156 (0xFFD2A9FC)
YUV	190.7210, 30.2105, 16.9077
Hunter-Lab	70.0756, 25.9667, -34.2859

# Details

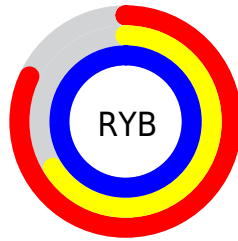
The Decimal color **13806076** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13892777**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16769535**, and **10122435** is the 20% darker color. If you saturate the color by 10%, you get **12947708**, and if you desaturate by 10%, it is **14664444**.

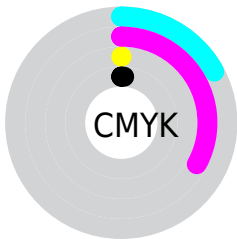
# Distribution



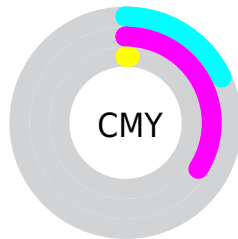
- Red (82%)
- Green (66%)
- Blue (99%)



- Red (82%)
- Yellow (66%)
- Blue (99%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (34%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13806076 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 13806076 by changing the saturation by 10% instead.



 13806076

 13806076

16777215

 11964127

 16769535

 10122435

 16776703

 8412072

 6636429

 4992115

 3348058

 1704002

 44

 278

 13806076

 13806076

 12947708

 14664444

 12089340

 15522812

 11296252

 16315900

 10437884

16777212

 9579516

 8721148

 8126716

# Harmonies

## Analogous

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



9550335



13806076



16554968

# Triad

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



13806076



15576681



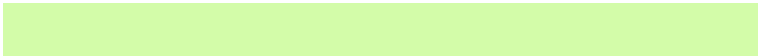
53704

# Complementary

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



13806076



13892777

# 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.



6147996



13806076



13024355

# Square

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



13806076



16752516



9947254



52977

# Rectangle

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



13806076



16750523



9947254



1888441



# Sweetspot

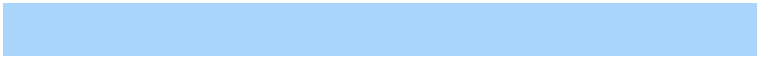
The Sweet Spot groups the original color and five complimentary colors.



13806076



15918847



11130108



7893120



0



8421504



# Same Dimension

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



13806076



13343231



16493052



7827581



6095037



1966141



# Inverse Universe

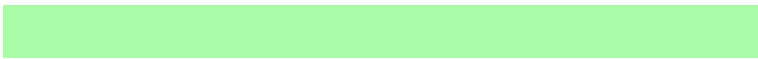
The Inverse Universe completely reimagines the original color for something new.



16558547



16751053



11205801



8220791



12386399

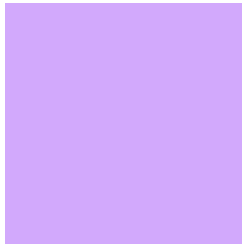


3997727



# Previews

## White Background



This preview shows how the Decimal color 13806076 looks on a white background.

## Color Contrast Check

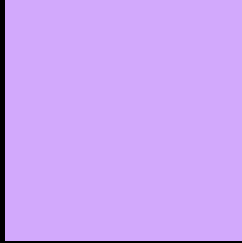
Large Text (above 18pt) WCAG AA × Fail

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 13806076 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

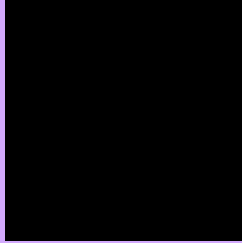
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13806076 Background



This preview shows how black text looks on a background with the Decimal color 13806076.




This preview shows how white text looks on a background with the Decimal color 13806076.

# 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**  
13153475

# Trichromacy



**Original Color**  
13806076



**Protanomaly**  
11908094



**Deuteranomaly**  
12104442



**Tritanomaly**  
13414616

# Monochromacy



**Original Color**  
13806076



**Achromatopsia**  
12566463



**Achromatomaly**  
13023189

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13806076 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 #D2A9FC looks like.

```
.text, #text, p{  
    color:#D2A9FC  
}
```

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 #D2A9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A9FC
}
```

## Border

The CSS property to change the border of an element to Decimal 13806076 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
#D2A9FC }
```

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

```
.border{ border-color:#D2A9FC }
```

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

Here you see how a box with a 4 pixel #D2A9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A9FC; -webkit-box-shadow:4px 4px  
4px 4px #D2A9FC; box-shadow:4px 4px 4px  
4px #D2A9FC }
```

# Background

The CSS property to change the background color of an element to Decimal 13806076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A9FC }
```

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

```
.background{ background-color:#D2A9FC }
```

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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