

# Converting Colors

Decimal(13086718)

Have a look what the booklet for  
Decimal(13086718) contains.

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# **Color**

**Decimal(13086718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7AFFE
RGB	199, 175, 254
RGB Percent	78%, 69%, 100%
CMY	0.2196, 0.3137, 0.0039
CMYK	0.22, 0.31, 0.00, 0.00
HSL	258°, 98%, 84%
HSV	258°, 31%, 100%
XYZ	56.7726, 49.9578, 100.4165
YIQ	191.1820, -11.0550, 29.6570

# Conversions

## Conversions Part 2

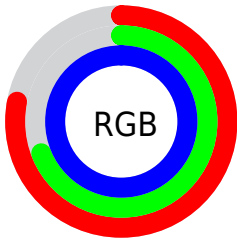
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 175, 254</a>
Decimal	<a href="#">13086718</a>
CIELab	<a href="#">76.04, 24.35, -35.98</a>
CIELCh	<a href="#">76, 43.443, 304.085</a>
Yxy	<a href="#">49.9578, 0.2741, 0.2412</a>
Android (android.graphics.Color)	<a href="#">4291276798</a> ( <a href="#">0xFFC7AFFE</a> )
YUV	<a href="#">191.1820, 30.9693, 6.8564</a>
Hunter-Lab	<a href="#">70.6808, 19.6840, -34.7569</a>

# Details

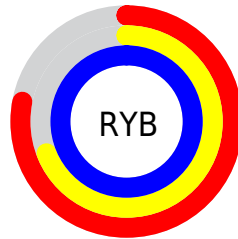
The Decimal color **13086718** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **15138479**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16771071**, and **9468613** is the 20% darker color. If you saturate the color by 10%, you get **11900670**, and if you desaturate by 10%, it is **14272766**.

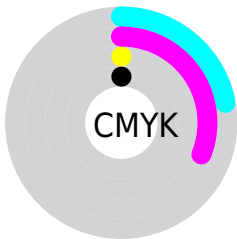
# Distribution



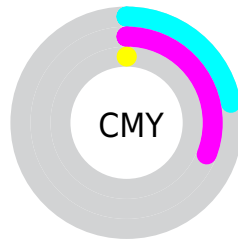
- Red (78%)
- Green (69%)
- Blue (100%)



- Red (78%)
- Yellow (69%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13086718 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 13086718 by changing the saturation by 10% instead.



 13086718

 13086718

16777215

 11244769

 16771071

 9468613

 7692714

 5982607

 4338549

 2694492

 854084

 45

 279

■ 13086718

■ 13086718

■ 11900670

■ 14272766

■ 10779902

■ 15393534

■ 9593854

■ 16579582

■ 8407550

16777214

■ 7287038

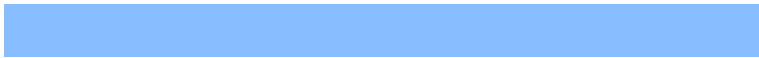
■ 6100990

■ 5046526

# Harmonies

## Analogous

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



8961791



13086718



15901407

# Triad

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



13086718



15904116



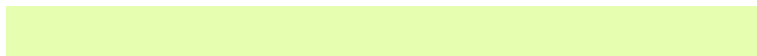
3330496

# Complementary

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



13086718



15138479

# 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.



7655063



13086718



13679466

# Square

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



13086718



16752785



10929783



53223

# Rectangle

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



13086718



16751813



10929783



5034162



# Sweetspot

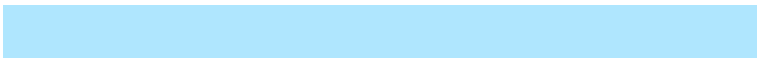
The Sweet Spot groups the original color and five complimentary colors.



13086718



15722751



11527934



7762304



0



8421504



# Same Dimension

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



13086718



12427775



15642622



7828352



3801279



1245248



# Inverse Universe

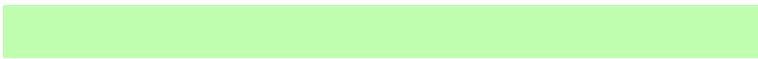
The Inverse Universe completely reimagines the original color for something new.



16691174



16753122



12582575



8418172



12517509

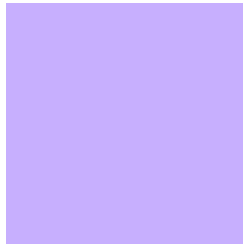


4194348



# Previews

## White Background



This preview shows how the Decimal color 13086718 looks on a white background.

## Color Contrast Check

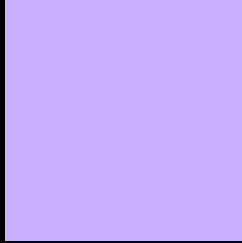
Large Text (above 18pt) WCAG AA × Fail

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 13086718 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

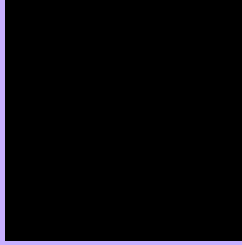
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13086718 Background



This preview shows how black text looks on a background with the Decimal color 13086718.




This preview shows how white text looks on a background with the Decimal color 13086718.

# 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**  
12434120

# Trichromacy



**Original Color**  
13086718

**Protanomaly**  
11777535

**Deuteranomaly**  
11908605

**Tritanomaly**  
12695260

# Monochromacy



**Original Color**  
13086718

**Achromatopsia**  
12566463

**Achromatomaly**  
12761558

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13086718 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 #C7AFFE looks like.

```
.text, #text, p{  
    color:#C7AFFE  
}
```

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 #C7AFFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AFFE
}
```

## Border

The CSS property to change the border of an element to Decimal 13086718 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
#C7AFFE }
```

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

```
.border{ border-color:#C7AFFE }
```

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

Here you see how a box with a 4 pixel #C7AFFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AFFE; -webkit-box-shadow:4px 4px  
4px 4px #C7AFFE; box-shadow:4px 4px 4px  
4px #C7AFFE }
```

# Background

The CSS property to change the background color of an element to Decimal 13086718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AFFE }
```

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

```
.background{ background-color:#C7AFFE }
```

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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