

# Converting Colors

Decimal(13946622)

Have a look what the booklet for  
Decimal(13946622) contains.

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# **Color**

**Decimal(13946622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4CEFE
RGB	212, 206, 254
RGB Percent	83%, 81%, 100%
CMY	0.1686, 0.1922, 0.0039
CMYK	0.17, 0.19, 0.00, 0.00
HSL	248°, 96%, 90%
HSV	248°, 19%, 100%
XYZ	67.1121, 65.2954, 102.8320
YIQ	213.2660, -11.8320, 16.2000

# Conversions

## Conversions Part 2

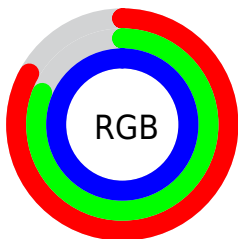
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 206, 254
Decimal	13946622
CIE Lab	84.64, 11.46, -22.71
CIE LCh	85, 25.442, 296.776
Yxy	65.2954, 0.2853, 0.2776
Android (android.graphics.Color)	4292136702 (0xFFD4CEFE)
YUV	213.2660, 20.0819, -1.1103
Hunter-Lab	80.8056, 6.8412, -18.8877

# Details

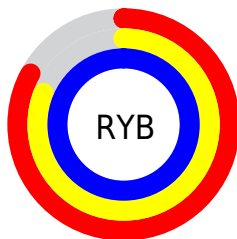
The Decimal color **13946622** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16318158**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16777215**, and **10328261** is the 20% darker color. If you saturate the color by 10%, you get **12498430**, and if you desaturate by 10%, it is **15394814**.

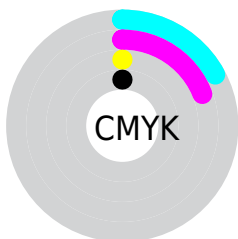
# Distribution



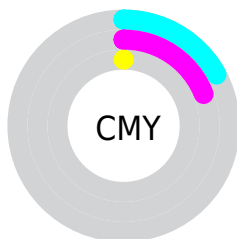
- Red (83%)
- Green (81%)
- Blue (100%)



- Red (83%)
- Yellow (81%)
- Blue (100%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13946622 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 13946622 by changing the saturation by 10% instead.



■ 13946622

■ 13946622

16777215

■ 12104673

■ 10328261

■ 8617642

■ 6907279

■ 5262710

■ 3683933

■ 2171205

■ 789295

■ 281

13946622

13946622

12498430

15394814

11049982

16777214

9536254

8087806

6639614

5191422

3677438

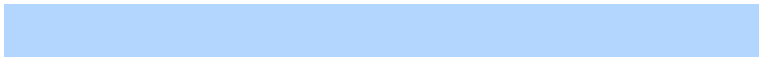
2229246

2097406

# Harmonies

## Analogous

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



11785983



13946622



15779566

# Triad

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



13946622



16501164



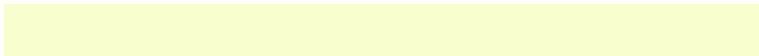
10215888

# Complementary

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



13946622



16318158

# 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.



11787960



13946622



15258020

# Square

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



13946622



16761791



13555880



9494760

# Rectangle

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



13946622



16630751



13555880



10674375



# Sweetspot

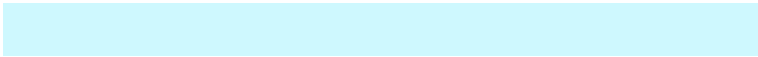
The Sweet Spot groups the original color and five complimentary colors.



13946622



15921407



13564158



7894912



0



8421504



# Same Dimension

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



13946622



13419775



15519486



7631744



1573055



524352



# Inverse Universe

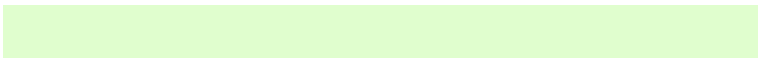
The Inverse Universe completely reimagines the original color for something new.



16699128



16762104



14745294



8418174



12517543

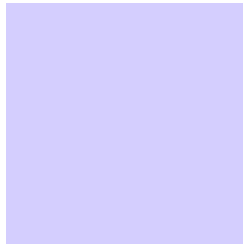


4194360



# Previews

## White Background



This preview shows how the Decimal color 13946622 looks on a white background.

## Color Contrast Check

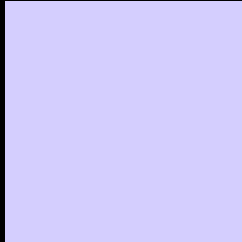
Large Text (above 18pt) WCAG AA × Fail

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 13946622 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 13946622 Background



This preview shows how black text looks on a background with the Decimal color 13946622.

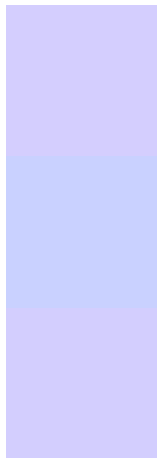


This preview shows how white text looks on a background with the Decimal color 13946622.

# 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](#).

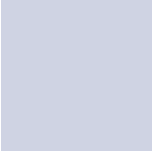
## Dichromacy



**Original Color**  
13946622

**Protanopia**  
13226495

**Deuteranopia**  
13881086



**Tritanopia**  
13620195

# Trichromacy



**Original Color**  
13946622

**Protanomaly**  
13488383

**Deuteranomaly**  
13881086

**Tritanomaly**  
13750765

# Monochromacy



**Original Color**  
13946622

**Achromatopsia**  
14013909

**Achromatomaly**  
14013156

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13946622 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 #D4CEFE looks like.

```
.text, #text, p{  
    color:#D4CEFE  
}
```

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 #D4CEFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4CEFE
}
```

## Border

The CSS property to change the border of an element to Decimal 13946622 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
#D4CEFE }
```

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

```
.border{ border-color:#D4CEFE }
```

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

Here you see how a box with a 4 pixel #D4CEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4CEFE; -webkit-box-shadow:4px 4px  
4px 4px #D4CEFE; box-shadow:4px 4px 4px  
4px #D4CEFE }
```

# Background

The CSS property to change the background color of an element to Decimal 13946622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4CEFE }
```

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

```
.background{ background-color:#D4CEFE }
```

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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