

# Converting Colors

Decimal(14475003)



Have a look what the booklet for  
Decimal(14475003) contains.

- Decimal(14475003)** ..... 3
  - Conversions*** ..... 4
  - Details*** ..... 6
  - Harmonies*** ..... 11
  - Previews*** ..... 23
  - Color Blindness Simulation*** ..... 26
  - CSS Examples*** ..... 29



# Color

**Decimal(14475003)**



# Conversions

Conversions Part 1	
Format	Color
Hex	DCDEFB
RGB	220, 222, 251
RGB Percent	86%, 87%, 98%
CMY	0.1373, 0.1294, 0.0157
CMYK	0.12, 0.12, 0.00, 0.02
HSL	236°, 79%, 92%
HSV	236°, 12%, 98%
XYZ	73.0491, 74.4232, 101.7818
YIQ	224.7080, -10.5010, 8.5950



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">220, 222, 251</a>
Decimal	<a href="#">14475003</a>
CIELab	<a href="#">89.12, 4.88, -14.31</a>
CIELCh	<a href="#">89, 15.119, 288.845</a>
Yxy	<a href="#">74.4232, 0.2931, 0.2986</a>
Android (android.graphics.Color)	<a href="#">4292665083</a> (0xFFDCDEFB)
YUV	<a href="#">224.7080, 12.9620, -4.1289</a>
Hunter-Lab	<a href="#">86.2689, 0.1761, -9.5633</a>



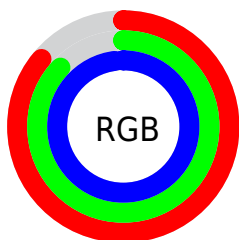
# Details

The Decimal color **14475003** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16513500**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16777215**, and **10856386** is the 20% darker color. If you saturate the color by 10%, you get **12830715**, and if you desaturate by 10%, it is **16119291**.



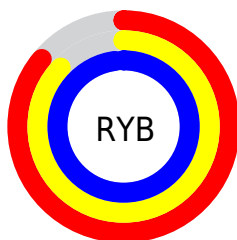
# Distribution



Red (86%)

Green (87%)

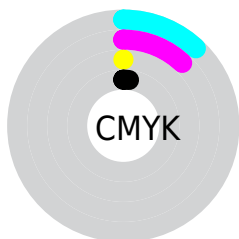
Blue (98%)



Red (86%)

Yellow (87%)

Blue (98%)

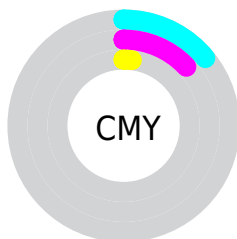


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (14%)

Magenta (13%)

Yellow (2%)



# Brightness & Saturation Gradients

These gradients show how the Decimal color 14475003 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 14475003 by changing the saturation by 10% instead.



 14475003

 14475003

16777215

 12632798

 10856386

 9080231

 7435149

 5790579

 4211547

 2764099

 1317165

 25




 14475003

 14475003

 12830715

 16119291

 11186171

 16777211

 9541883

 7897339

 6253051

 4542971

 2898683

 1254139

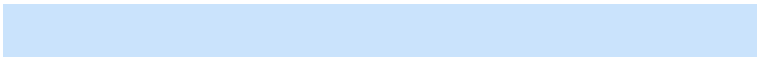
 4347



# Harmonies

## Analogous

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



13296636



14475003



15653363



# Triad

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



14475003



16570827



12839130



# Complementary

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



14475003



16513500



# 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.



13756109



14475003



15850948



# Square

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



14475003



16766679



14869189



12380393



# Rectangle

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



14475003



16242667



14869189



13101269



# Sweetspot

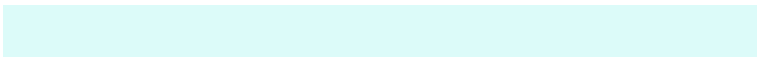
The Sweet Spot groups the original color and five complimentary colors.



14475003



16119295



14482425



7961216



0



8421504







# Same Dimension

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



14475003



14277631



15326459



7369085



3261



1085







# Inverse Universe

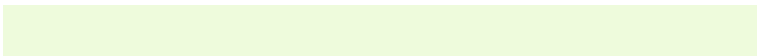
The Inverse Universe completely reimagines the original color for something new.



16506078



16767451



15662044



8220785



12386316



3997700

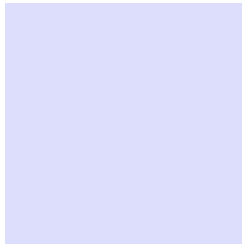






# Previews

## White Background



This preview shows how the Decimal color 14475003 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

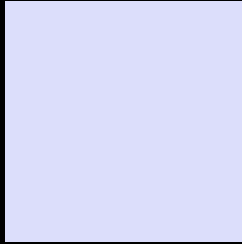
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Decimal color 14475003 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

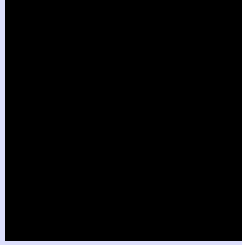
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14475003 Background



This preview shows how black text looks on a background with the Decimal color 14475003.



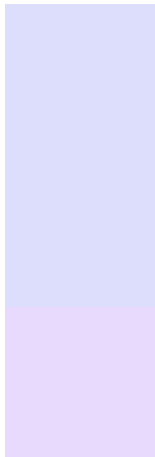
This preview shows how white text looks on a background with the Decimal color 14475003.



# 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**  
14475003

**Protanopia**  
14475003

**Deuteranopia**  
15260412






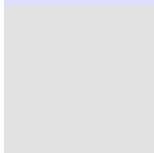
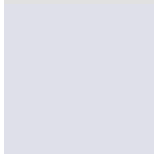
**Tritanopia**  
14344433



# Trichromacy

	<b>Original Color</b> 14475003
	<b>Protanomaly</b> 14475003
	<b>Deuteranomaly</b> 14998524
	<b>Tritanomaly</b> 14409717

# Monochromacy

	<b>Original Color</b> 14475003
	<b>Achromatopsia</b> 14803425
	<b>Achromatomaly</b> 14672106



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14475003 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 #DCDEFB looks like.

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



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 #DCDEFB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 14475003 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
#DCDEFB }
```



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

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

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

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

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



# Background

The CSS property to change the background color of an element to Decimal 14475003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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