

# Converting Colors

Decimal(14387678)

Have a look what the booklet for  
Decimal(14387678) contains.

<b>Decimal(14387678)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(14387678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB89DE
RGB	219, 137, 222
RGB Percent	86%, 54%, 87%
CMY	0.1412, 0.4627, 0.1294
CMYK	0.01, 0.38, 0.00, 0.13
HSL	298°, 56%, 70%
HSV	298°, 38%, 87%
XYZ	51.3439, 38.2253, 73.7793
YIQ	171.2080, 21.5870, 43.8190

# Conversions

## Conversions Part 2

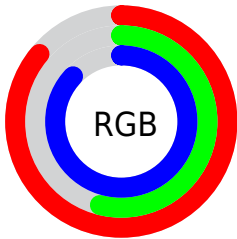
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 137, 222
Decimal	14387678
CIE Lab	68.19, 44.34, -30.52
CIE LCh	68, 53.826, 325.462
Yxy	38.2253, 0.3143, 0.2340
Android (android.graphics.Color)	4292577758 (0xFFDB89DE)
YUV	171.2080, 25.0405, 41.9136
Hunter-Lab	61.8266, 40.0387, -27.4737

# Details

The Decimal color **14387678** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9232009**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16761087**, and **10638759** is the 20% darker color. If you saturate the color by 10%, you get **14316510**, and if you desaturate by 10%, it is **14458846**.

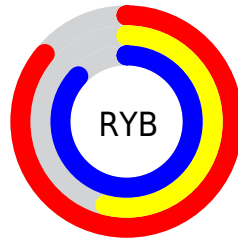
# Distribution



Red (86%)

Green (54%)

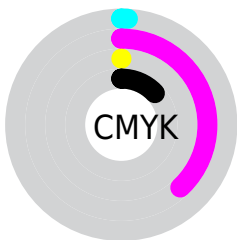
Blue (87%)



Red (86%)

Yellow (54%)

Blue (87%)

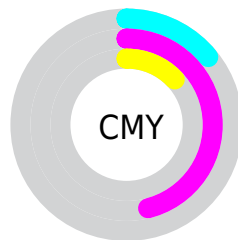


Cyan (1%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (46%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14387678 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 14387678 by changing the saturation by 10% instead.



 14387678

 14387678

16777215

 12480450

 16761087

 10638759

 16768255

 8862604

 16775679

 7151986

 5439833

 3735618

 2359339

 277

 0

 14387678

 14387678

 14316510

 14458846

 14245342

 14530014

 14239454

 14535902

 14168286

 14607070

 14097118

 14678238

 14025950

 14745566

 14024926

 14811102

 14876638

# Harmonies

## Analogous

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



10329342



14387678



16481712

# Triad

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



14387678



13148481



48847

# Complementary

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



14387678



9232009

# 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.



48797



14387678



10072138

# Square

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



14387678



15568727



6076781



47605

# Rectangle

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



14387678



16743823



6076781



49087



# Sweetspot

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



14387678



16704511



9014750



8351616



0



8421504



# Same Dimension

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



14387678



16485119



14584248



7366000



11141296



3080240



# Inverse Universe

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



14584204



16747150



9035439



7365989



11534342

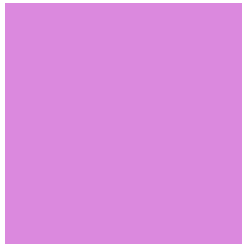


3145730



# Previews

## White Background



This preview shows how the Decimal color 14387678 looks on a white background.

## Color Contrast Check

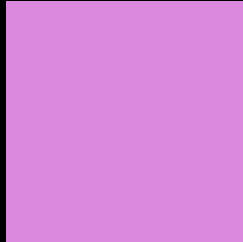
Large Text (above 18pt) WCAG AA × Fail

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 14387678 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

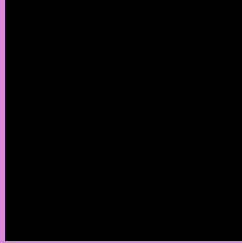
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14387678 Background



This preview shows how black text looks on a background with the Decimal color 14387678.

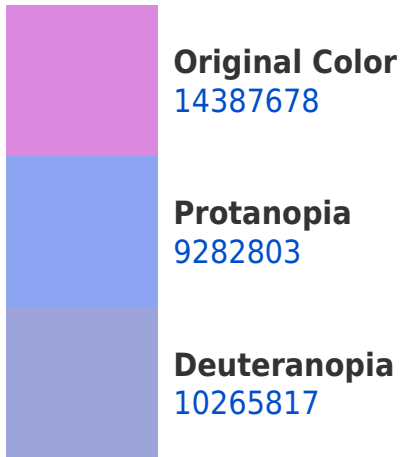



This preview shows how white text looks on a background with the Decimal color 14387678.

# 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**  
13866657

# Trichromacy



**Original Color**  
14387678



**Protanomaly**  
11115243



**Deuteranomaly**  
11770587

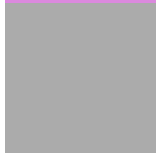


**Tritanomaly**  
14062007

# Monochromacy



**Original Color**  
14387678



**Achromatopsia**  
11250603



**Achromatomaly**  
12361662

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14387678 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 #DB89DE looks like.

```
.text, #text, p{  
  color:#DB89DE  
}
```

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 #DB89DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB89DE
}
```

## Border

The CSS property to change the border of an element to Decimal 14387678 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
#DB89DE }
```

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

```
.border{ border-color:#DB89DE }
```

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

Here you see how a box with a 4 pixel #DB89DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB89DE; -webkit-box-shadow:4px 4px  
4px 4px #DB89DE; box-shadow:4px 4px 4px  
4px #DB89DE }
```

# Background

The CSS property to change the background color of an element to Decimal 14387678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB89DE }
```

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

```
.background{ background-color:#DB89DE }
```

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