

# Converting Colors

Decimal(14322647)

Have a look what the booklet for  
Decimal(14322647) contains.

<b>Decimal(14322647)</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(14322647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA8BD7
RGB	218, 139, 215
RGB Percent	85%, 55%, 84%
CMY	0.1451, 0.4549, 0.1569
CMYK	0.00, 0.36, 0.01, 0.15
HSL	302°, 52%, 70%
HSV	302°, 36%, 85%
XYZ	50.4118, 38.2770, 69.0212
YIQ	171.2850, 22.6880, 40.3840

# Conversions

## Conversions Part 2

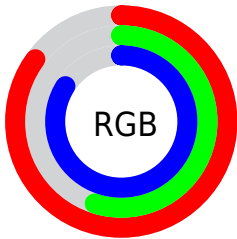
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 139, 215
Decimal	14322647
CIE <sub>Lab</sub>	68.22, 41.70, -26.59
CIE <sub>LCh</sub>	68, 49.454, 327.473
Yxy	38.2770, 0.3196, 0.2427
Android (android.graphics.Color)	4292512727 (0xFFDA8BD7)
YUV	171.2850, 21.5515, 40.9691
Hunter-Lab	61.8684, 37.1763, -22.8368

# Details

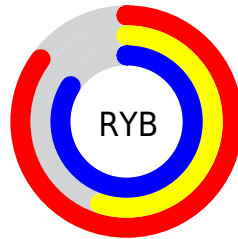
The Decimal color **14322647** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9165454**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16761599**, and **10639264** is the 20% darker color. If you saturate the color by 10%, you get **14317014**, and if you desaturate by 10%, it is **14328280**.

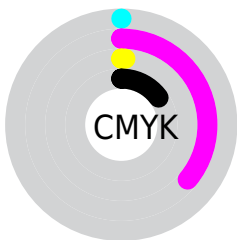
# Distribution



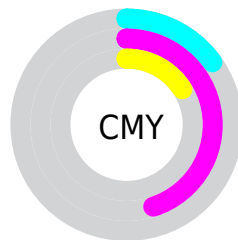
- Red (85%)
- Green (55%)
- Blue (84%)



- Red (85%)
- Yellow (55%)
- Blue (84%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14322647 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 14322647 by changing the saturation by 10% instead.



 14322647

 14322647

16777215

 12480955

 16761599

 10639264

 16768767

 8797830

 16776191

 7087212

 5375572

 3735612

 2359334

 271

 0

 14322647

 14322647

 14317014

 14328280

 14311381

 14333913

 14306005

 14339289

 14300372

 14344922

 14294739

 14350555

 14289106

 14352348

 14287058

 14352349

 14352350

# Harmonies

## Analogous

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



10722550



14322647



16155052

# Triad

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



14322647



12886858



48334

# Complementary

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



14322647



9165454

# 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.



48545



14322647



9941076

# Square

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



14322647



15110748



6338932



47089

# Rectangle

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



14322647



16482958



6338932



48576



# Sweetspot

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



14322647



16770046



9341914



8417151



0



8421504



# Same Dimension

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



14322647



16749051



14322608



7234413



11337895



3014700



# Inverse Universe

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



14322647



16749051



9165493



7234413



11337895

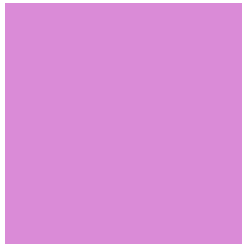


3014700



# Previews

## White Background



This preview shows how the Decimal color 14322647 looks on a white background.

## Color Contrast Check

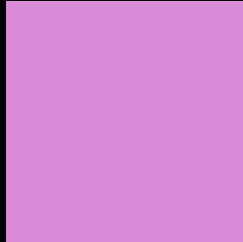
Large Text (above 18pt) WCAG AA × Fail

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 14322647 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

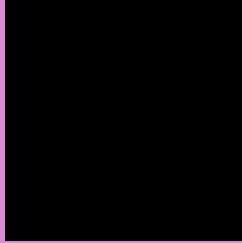
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14322647 Background



This preview shows how black text looks on a background with the Decimal color 14322647.




This preview shows how white text looks on a background with the Decimal color 14322647.

# 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](#).

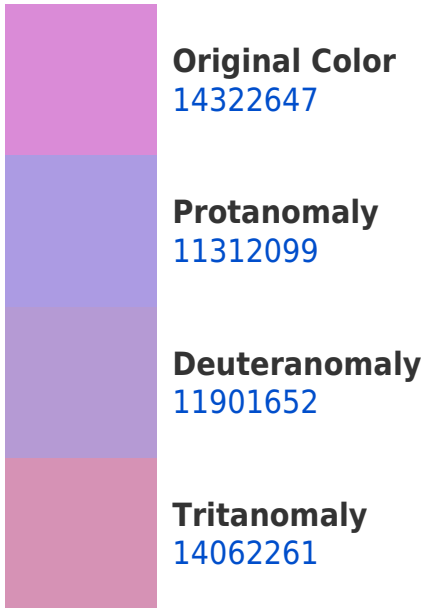
## Dichromacy



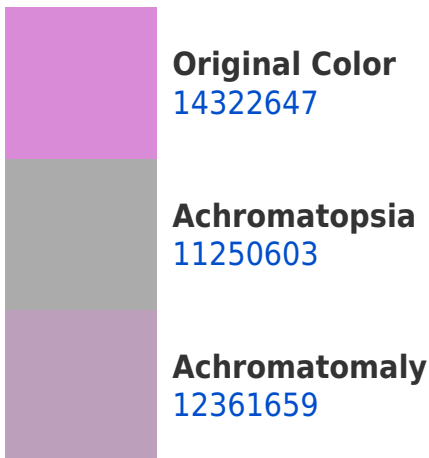


**Tritanopia**  
13866657

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14322647 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 #DA8BD7 looks like.

```
.text, #text, p{  
    color:#DA8BD7  
}
```

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 #DA8BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA8BD7
}
```

## Border

The CSS property to change the border of an element to Decimal 14322647 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
#DA8BD7 }
```

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

```
.border{ border-color:#DA8BD7 }
```

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

Here you see how a box with a 4 pixel #DA8BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA8BD7; -webkit-box-shadow:4px 4px  
4px 4px #DA8BD7; box-shadow:4px 4px 4px  
4px #DA8BD7 }
```

# Background

The CSS property to change the background color of an element to Decimal 14322647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA8BD7 }
```

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

```
.background{ background-color:#DA8BD7 }
```

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