

# Converting Colors

Decimal(14372539)

Have a look what the booklet for  
Decimal(14372539) contains.

<b>Decimal(14372539)</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(14372539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB4EBB
RGB	219, 78, 187
RGB Percent	86%, 31%, 73%
CMY	0.1412, 0.6941, 0.2667
CMYK	0.00, 0.64, 0.15, 0.14
HSL	314°, 66%, 58%
HSV	314°, 64%, 86%
XYZ	40.9074, 24.0967, 49.5088
YIQ	132.5850, 49.0470, 63.7910

# Conversions

## Conversions Part 2

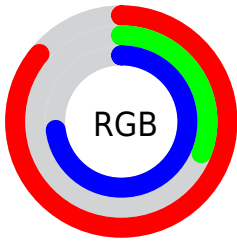
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 78, 187
Decimal	14372539
CIE <sub>Lab</sub>	56.18, 66.37, -29.34
CIE <sub>LCh</sub>	56, 72.562, 336.152
Y <sub>xy</sub>	24.0967, 0.3572, 0.2104
Android (android.graphics.Color)	4292562619 (0xFFDB4EBB)
Y <sub>UV</sub>	132.5850, 26.8266, 75.7860
Hunter-Lab	49.0884, 62.8470, -25.4359

# Details

The Decimal color **14372539** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **5167982**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16746739**, and **10485893** is the 20% darker color. If you saturate the color by 10%, you get **14366902**, and if you desaturate by 10%, it is **14378176**.

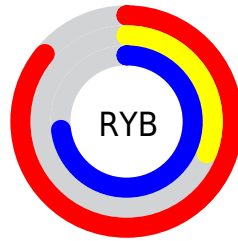
# Distribution



Red (86%)

Green (31%)

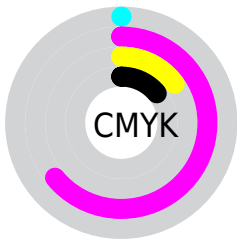
Blue (73%)



Red (86%)

Yellow (31%)

Blue (73%)

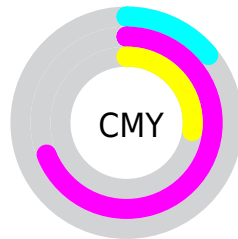


Cyan (0%)

Magenta (64%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14372539 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 14372539 by changing the saturation by 10% instead.



 14372539

 14372539

16777215

 12398240

 16746739

 10485893

 16753919

 8650860

 16761343

 6815827

 16768767

 5046332

 16776447

 3342374

 720909

 0

 14372539

 14372539

■ 14366902

■ 14378176

■ 14361265

■ 14383813

■ 14355628

■ 14389450

■ 14352553

■ 14395087

■ 14400724

■ 14406105

■ 14411742

■ 14417379

■ 14417896

# Harmonies

## Analogous

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



9859054



14372539



16072060

# Triad

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



14372539



9930752



41680

# Complementary

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



14372539



5167982

# 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.



41874



14372539



5478144

# Square

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



14372539



13266944



40784



39930

# Rectangle

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



14372539



15878227



40784



41917



# Sweetspot

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



14372539



16764916



7163611



8413817



0



8421504



# Same Dimension

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



14372539



16726994



14372470



7234411



11337862



3014691



# Inverse Universe

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



14372539



16726994



5168051



7234411



11337862

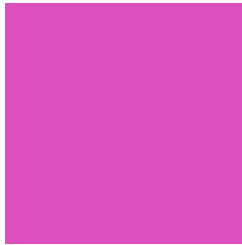


3014691



# Previews

## White Background



This preview shows how the Decimal color 14372539 looks on a white background.

## Color Contrast Check

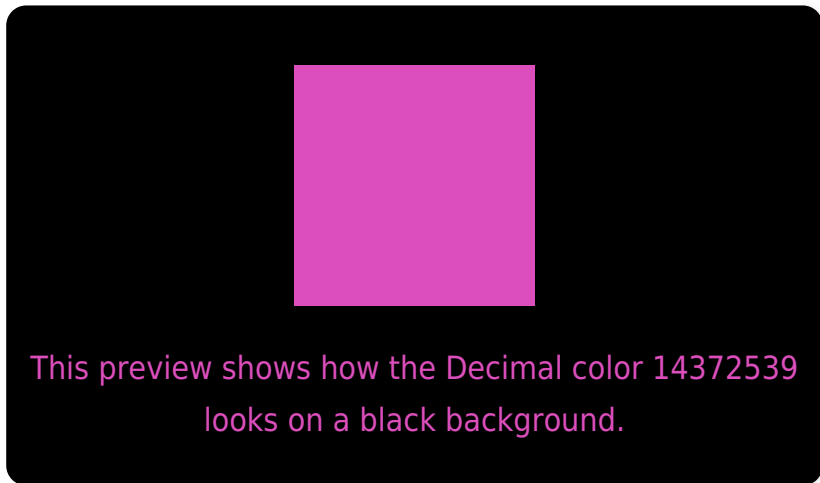
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



## Decimal 14372539 Background



This preview shows how black text looks on a background with the Decimal color 14372539.




This preview shows how white text looks on a background with the Decimal color 14372539.

# 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



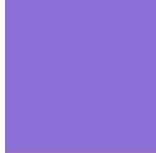


**Tritanopia**  
13853803

# Trichromacy



**Original Color**  
14372539



**Protanomaly**  
9072855



**Deuteranomaly**  
10449333



**Tritanomaly**  
14048392

# Monochromacy



**Original Color**  
14372539



**Achromatopsia**  
8750469



**Achromatomaly**  
10776985

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14372539 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 #DB4EBB looks like.

```
.text, #text, p{  
  color:#DB4EBB  
}
```

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 #DB4EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4EBB
}
```

## Border

The CSS property to change the border of an element to Decimal 14372539 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
#DB4EBB }
```

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

```
.border{ border-color:#DB4EBB }
```

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

Here you see how a box with a 4 pixel #DB4EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4EBB; -webkit-box-shadow:4px 4px  
4px 4px #DB4EBB; box-shadow:4px 4px 4px  
4px #DB4EBB }
```

# Background

The CSS property to change the background color of an element to Decimal 14372539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4EBB }
```

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

```
.background{ background-color:#DB4EBB }
```

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