

# Converting Colors

Decimal(14449881)

Have a look what the booklet for  
Decimal(14449881) contains.

<b>Decimal(14449881)</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(14449881)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC7CD9
RGB	220, 124, 217
RGB Percent	86%, 49%, 85%
CMY	0.1373, 0.5137, 0.1490
CMYK	0.00, 0.44, 0.01, 0.14
HSL	302°, 58%, 67%
HSV	302°, 44%, 86%
XYZ	49.2472, 34.6407, 69.7363
YIQ	163.3060, 27.3630, 49.2750

# Conversions

## Conversions Part 2

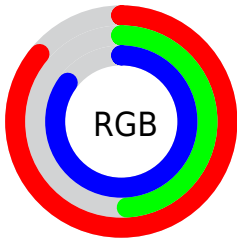
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 124, 217</a>
Decimal	<a href="#">14449881</a>
CIELab	<a href="#">65.47, 50.44, -31.93</a>
CIElCh	<a href="#">65, 59.697, 327.659</a>
Yxy	<a href="#">34.6407, 0.3206, 0.2255</a>
Android (android.graphics.Color)	<a href="#">4292639961 (0xFFDC7CD9)</a>
YUV	<a href="#">163.3060, 26.4711, 49.7206</a>
Hunter-Lab	<a href="#">58.8564, 46.3588, -29.0507</a>

# Details

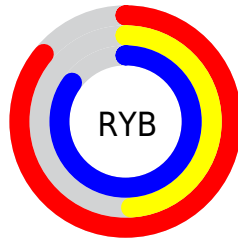
The Decimal color **14449881** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8182911**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16757759**, and **10700706** is the 20% darker color. If you saturate the color by 10%, you get **14444248**, and if you desaturate by 10%, it is **14455514**.

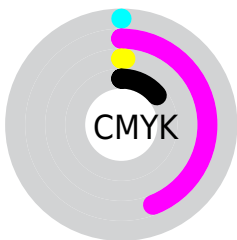
# Distribution



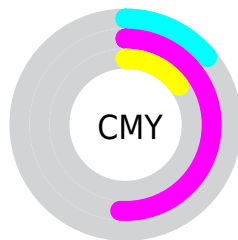
- Red (86%)
- Green (49%)
- Blue (85%)



- Red (86%)
- Yellow (49%)
- Blue (85%)



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (14%)

















- Cyan (14%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14449881 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 14449881 by changing the saturation by 10% instead.



 14449881	 14449881
16777215	 12542397
 16757759	 10700706
 16764927	 8858759
 16772351	 7080814
	 5374037
	 3735613
	 2162727
	 272
	 0

14449881

14449881

14444248

14455514

14438616

14461146

14432983

14466779

14427350

14472412

14421718

14478044

14418133

14483421

14483422

14483423

# Harmonies

## Analogous

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



10064894



14449881



16543397

# Triad

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



14449881



12557099



47311

# Complementary

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



14449881



8182911

# 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.



47257



14449881



9087545

# Square

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



14449881



15238724



4240483



46073

# Rectangle

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



14449881



16740226



4240483



47550



# Sweetspot

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



14449881



16768766



8289500



8416127



0



8421504



# Same Dimension

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



14449881



16743163



14449834



7234413



11337896



3014700



# Inverse Universe

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



14449881



16743163



8182958



7234413



11337896

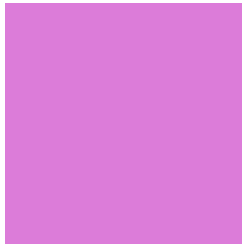


3014700



# Previews

## White Background



This preview shows how the Decimal color 14449881 looks on a white background.

## Color Contrast Check

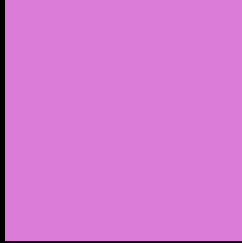
Large Text (above 18pt) WCAG AA × Fail

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 14449881 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 14449881 Background



This preview shows how black text looks on a background with the Decimal color 14449881.




This preview shows how white text looks on a background with the Decimal color 14449881.

# 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**  
13929365

# Trichromacy



**Original Color**

14449881



**Protanomaly**

10654186



**Deuteranomaly**

11375061



**Tritanomaly**

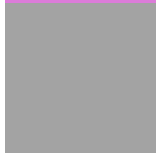
14124718

# Monochromacy



**Original Color**

14449881



**Achromatopsia**

10724259



**Achromatomaly**

12096951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14449881 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 #DC7CD9 looks like.

```
.text, #text, p{  
    color:#DC7CD9  
}
```

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 #DC7CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7CD9
}
```

## Border

The CSS property to change the border of an element to Decimal 14449881 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
#DC7CD9 }
```

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

```
.border{ border-color:#DC7CD9 }
```

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

Here you see how a box with a 4 pixel #DC7CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7CD9; -webkit-box-shadow:4px 4px  
4px 4px #DC7CD9; box-shadow:4px 4px 4px  
4px #DC7CD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 14449881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7CD9 }
```

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

```
.background{ background-color:#DC7CD9 }
```

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