

# Converting Colors

Decimal(14447833)

Have a look what the booklet for  
Decimal(14447833) contains.

<b>Decimal(14447833)</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(14447833)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC74D9
RGB	220, 116, 217
RGB Percent	86%, 45%, 85%
CMY	0.1373, 0.5451, 0.1490
CMYK	0.00, 0.47, 0.01, 0.14
HSL	302°, 60%, 66%
HSV	302°, 47%, 86%
XYZ	48.2850, 32.7162, 69.4156
YIQ	158.6100, 29.5630, 53.4590

# Conversions

## Conversions Part 2

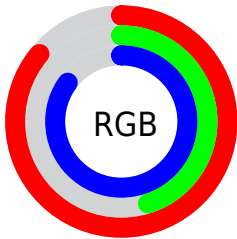
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 116, 217</a>
Decimal	<a href="#">14447833</a>
CIELab	<a href="#">63.93, 54.43, -34.32</a>
CIElCh	<a href="#">64, 64.348, 327.767</a>
Yxy	<a href="#">32.7162, 0.3210, 0.2175</a>
Android (android.graphics.Color)	<a href="#">4292637913 (0xFFDC74D9)</a>
YUV	<a href="#">158.6100, 28.7863, 53.8390</a>
Hunter-Lab	<a href="#">57.1981, 50.5880, -31.9157</a>

# Details

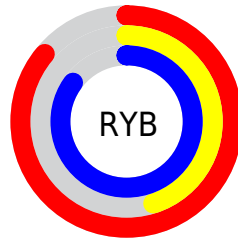
The Decimal color **14447833** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7658615**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16755711**, and **10698402** is the 20% darker color. If you saturate the color by 10%, you get **14442200**, and if you desaturate by 10%, it is **14453466**.

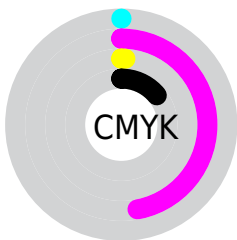
# Distribution



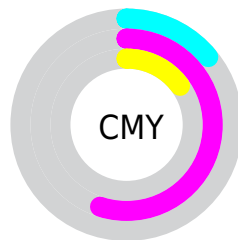
- Red (86%)
- Green (45%)
- Blue (85%)



- Red (86%)
- Yellow (45%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (14%)

















- Cyan (14%)
- Magenta (55%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14447833 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 14447833 by changing the saturation by 10% instead.



 14447833	 14447833
16777215	 12540349
 16755711	 10698402
 16762879	 8855943
 16770303	 7077998
	 5308501
	 3670077
	 1966119
	 271
	 0

 14447833

 14447833

 14442200

 14453466

 14436568

 14459098

 14430935

 14464731

 14425302

 14470364

 14419670

 14475996

 14418134

 14481629

 14483421

 14483422

 14483423

# Harmonies

## Analogous

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



9670399



14447833



16671650

# Triad

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



14447833



12359446



46799

# Complementary

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



14447833



7658615

# 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.



46741



14447833



8628009

# Square

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



14447833



15171640



2797914



45307

# Rectangle

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



14447833



16737659



2797914



46780



# Sweetspot

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



14447833



16767998



7763164



8415871



0



8421504



# Same Dimension

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



14447833



16740091



14447782



7234413



11337896



3014701



# Inverse Universe

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



14447833



16740091



7658666



7234413



11337896



3014701



# Previews

## White Background



This preview shows how the Decimal color 14447833 looks on a white background.

## Color Contrast Check

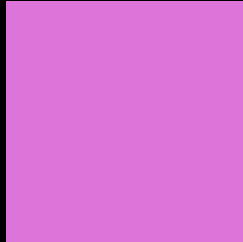
Large Text (above 18pt) WCAG AA × Fail

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 14447833 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 14447833 Background



This preview shows how black text looks on a background with the Decimal color 14447833.



This preview shows how white text looks on a background with the Decimal color 14447833.

# 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**  
13862287

# Trichromacy



**Original Color**  
14447833



**Protanomaly**  
10259436



**Deuteranomaly**  
11046101

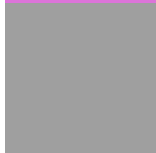


**Tritanomaly**  
14057386

# Monochromacy



**Original Color**  
14447833



**Achromatopsia**  
10461087



**Achromatomaly**  
11898804

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14447833 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 #DC74D9 looks like.

```
.text, #text, p{  
    color:#DC74D9  
}
```

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 #DC74D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC74D9
}
```

## Border

The CSS property to change the border of an element to Decimal 14447833 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
#DC74D9 }
```

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

```
.border{ border-color:#DC74D9 }
```

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

Here you see how a box with a 4 pixel #DC74D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC74D9; -webkit-box-shadow:4px 4px  
4px 4px #DC74D9; box-shadow:4px 4px 4px  
4px #DC74D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 14447833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC74D9 }
```

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

```
.background{ background-color:#DC74D9 }
```

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