

# Converting Colors

Decimal(13993423)

Have a look what the booklet for  
Decimal(13993423) contains.

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# **Color**

**Decimal(13993423)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D585CF
RGB	213, 133, 207
RGB Percent	84%, 52%, 81%
CMY	0.1647, 0.4784, 0.1882
CMYK	0.00, 0.38, 0.03, 0.16
HSL	304°, 49%, 68%
HSV	304°, 38%, 84%
XYZ	47.0906, 35.4262, 63.3875
YIQ	165.3560, 23.9260, 39.9740

# Conversions

## Conversions Part 2

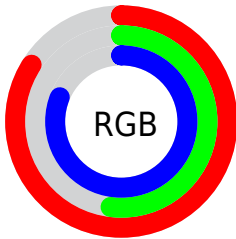
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 133, 207
Decimal	13993423
CIE <sub>Lab</sub>	66.08, 41.85, -25.48
CIE <sub>LCh</sub>	66, 48.999, 328.664
Yxy	35.4262, 0.3227, 0.2428
Android (android.graphics.Color)	4292183503 (0xFFD585CF)
YUV	165.3560, 20.5305, 41.7838
Hunter-Lab	59.5199, 37.0647, -21.4787

# Details

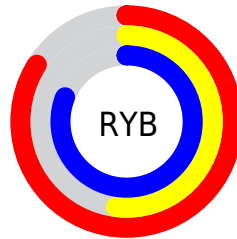
The Decimal color **13993423** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8770955**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16760063**, and **10310040** is the 20% darker color. If you saturate the color by 10%, you get **13988045**, and if you desaturate by 10%, it is **13998801**.

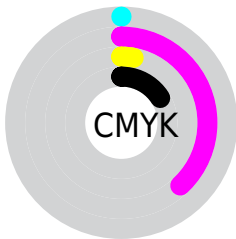
# Distribution



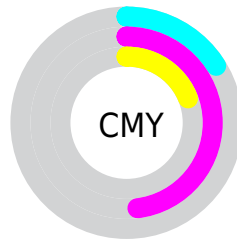
- Red (84%)
- Green (52%)
- Blue (81%)



- Red (84%)
- Yellow (52%)
- Blue (81%)



- Cyan (0%)
- Magenta (38%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (48%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13993423 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 13993423 by changing the saturation by 10% instead.



 13993423

 13993423

16777215

 12151731

 16760063

 10310040

 16767231

 8534142

 16774655

 6757989

 5111885

 3473462

 1966112

 4

 0

 13993423

 13993423

 13988045

 13998801

 13982412

 14004434

 13977034

 14009812

 13971657

 14015189

 13966279

 14020823

 13960645

 14024665

 13959365

 14024666

 14024668

 14024669

# Harmonies

## Analogous

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



10524398



13993423



15760292

# Triad

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



13993423



12361286



46793

# Complementary

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



13993423



8770955

# 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.



47005



13993423



9480784

# Square

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



13993423



14585174



5813105



45547

# Rectangle

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



13993423



15957383



5813105



47035



# Sweetspot

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



13993423



16770045



9078229



8417150



0



8421504



# Same Dimension

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



13993423



16747766



13993384



7037034



11206814



2818088



# Inverse Universe

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



13993423



16747766



8770994



7037034



11206814

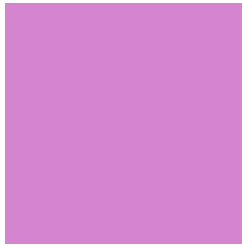


2818088



# Previews

## White Background



This preview shows how the Decimal color 13993423 looks on a white background.

## Color Contrast Check

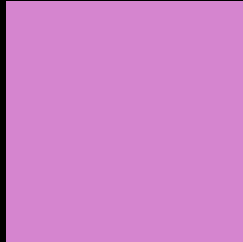
Large Text (above 18pt) WCAG AA × Fail

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 13993423 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 13993423 Background



This preview shows how black text looks on a background with the Decimal color 13993423.

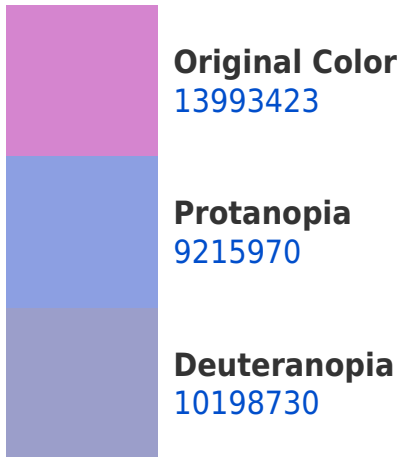



This preview shows how white text looks on a background with the Decimal color 13993423.

# 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**  
13537435

# Trichromacy



**Original Color**  
13993423



**Protanomaly**  
10983131



**Deuteranomaly**  
11572684

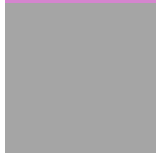


**Tritanomaly**  
13733038

# Monochromacy



**Original Color**  
13993423



**Achromatopsia**  
10855845



**Achromatomaly**  
11966900

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13993423 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 #D585CF looks like.

```
.text, #text, p{  
    color:#D585CF  
}
```

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 #D585CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D585CF
}
```

## Border

The CSS property to change the border of an element to Decimal 13993423 is called "border". The border property can be set on classes, ids or directly on the HTML element.

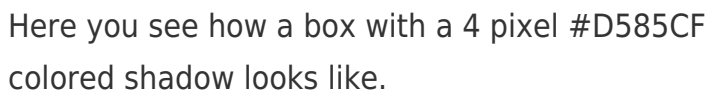
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D585CF }
```

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

```
.border{ border-color:#D585CF }
```

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



Here you see how a box with a 4 pixel #D585CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D585CF; -webkit-box-shadow:4px 4px  
4px 4px #D585CF; box-shadow:4px 4px 4px  
4px #D585CF }
```

# Background

The CSS property to change the background color of an element to Decimal 13993423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D585CF }
```

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

```
.background{ background-color:#D585CF }
```

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](#).



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