

# Converting Colors

Decimal(14581484)

Have a look what the booklet for  
Decimal(14581484) contains.

<b>Decimal(14581484)</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(14581484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE7EEC
RGB	222, 126, 236
RGB Percent	87%, 49%, 93%
CMY	0.1294, 0.5059, 0.0745
CMYK	0.06, 0.47, 0.00, 0.07
HSL	292°, 74%, 71%
HSV	292°, 47%, 93%
XYZ	52.7254, 36.5074, 83.6246
YIQ	167.2440, 21.9060, 54.5620

# Conversions

## Conversions Part 2

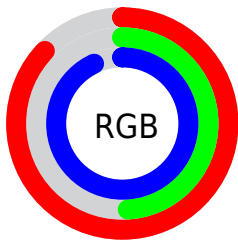
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 126, 236
Decimal	14581484
CIE Lab	66.91, 53.48, -40.21
CIE LCh	67, 66.912, 323.058
Yxy	36.5074, 0.3050, 0.2112
Android (android.graphics.Color)	4292771564 (0xFFDE7EEC)
YUV	167.2440, 33.8967, 48.0210
Hunter-Lab	60.4214, 50.0266, -39.7638

# Details

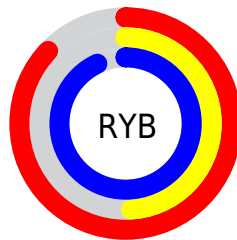
The Decimal color **14581484** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9235582**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16758271**, and **10832052** is the 20% darker color. If you saturate the color by 10%, you get **14378732**, and if you desaturate by 10%, it is **14784236**.

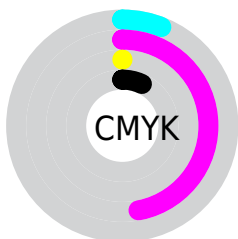
# Distribution



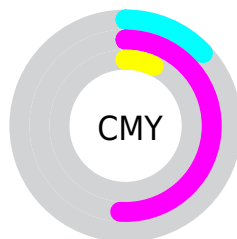
- Red (87%)
- Green (49%)
- Blue (93%)



- Red (87%)
- Yellow (49%)
- Blue (93%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)

















- Cyan (13%)
- Magenta (51%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14581484 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 14581484 by changing the saturation by 10% instead.



 14581484	 14581484
16777215	 12674000
 16758271	 10832052
 16765695	 8990105
 16773119	 7211902
	 5439589
	 3735628
	 2162741
	 542
	 1

 14581484

 14581484

 14378732

 14784236

 14176236

 14986732

 13973484

 15189484

 13770988

 15391980

 13568236

 15594732

 13500652

 15794156

 15990764

 16187372

 16383980

# Harmonies

## Analogous

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



9017855



14581484



16738995

# Triad

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



14581484



13474587



49104

# Complementary

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



14581484



9235582

# 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.



48786



14581484



9743653

# Square

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



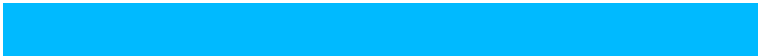
14581484



16286530



4438358



47871

# Rectangle

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



14581484



16738699



4438358



49084



# Sweetspot

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



14581484



16440319



8293868



8219264



0



8421504



# Same Dimension

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



14581484



15560959



15498948



7629429



10354869



3080246



# Inverse Universe

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



15498892



16740482



8318118



7694955



11862039

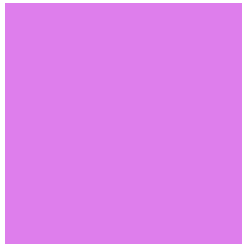


3538951



# Previews

## White Background



This preview shows how the Decimal color 14581484 looks on a white background.

## Color Contrast Check

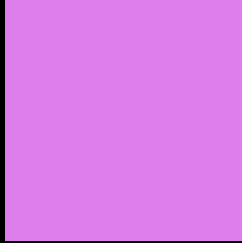
Large Text (above 18pt) WCAG AA × Fail

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 14581484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

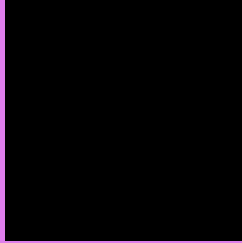
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14581484 Background



This preview shows how black text looks on a background with the Decimal color 14581484.




This preview shows how white text looks on a background with the Decimal color 14581484.

# 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**  
13865372

# Trichromacy



**Original Color**

14581484



**Protanomaly**

10654968



**Deuteranomaly**

11179240



**Tritanomaly**

14125753

# Monochromacy



**Original Color**

14581484



**Achromatopsia**

10987431



**Achromatomaly**

12294336

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14581484 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 #DE7EEC looks like.

```
.text, #text, p{  
    color:#DE7EEC  
}
```

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 #DE7EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7EEC
}
```

## Border

The CSS property to change the border of an element to Decimal 14581484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

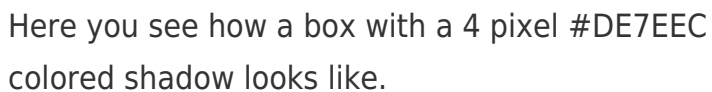
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE7EEC }
```

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

```
.border{ border-color:#DE7EEC }
```

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



Here you see how a box with a 4 pixel #DE7EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7EEC; -webkit-box-shadow:4px 4px  
4px 4px #DE7EEC; box-shadow:4px 4px 4px  
4px #DE7EEC }
```

# Background

The CSS property to change the background color of an element to Decimal 14581484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7EEC }
```

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

```
.background{ background-color:#DE7EEC }
```

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