

# Converting Colors

Decimal(14730467)

Have a look what the booklet for  
Decimal(14730467) contains.

<b>Decimal(14730467)</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(14730467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C4E3
RGB	224, 196, 227
RGB Percent	88%, 77%, 89%
CMY	0.1216, 0.2314, 0.1098
CMYK	0.01, 0.14, 0.00, 0.11
HSL	294°, 36%, 83%
HSV	294°, 14%, 89%
XYZ	64.3455, 60.8732, 81.0314
YIQ	207.9060, 6.7370, 15.5770

# Conversions

## Conversions Part 2

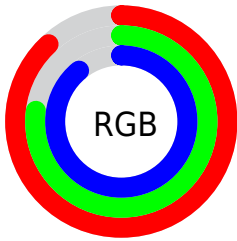
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 196, 227
Decimal	14730467
CIE <sub>Lab</sub>	82.31, 15.28, -11.74
CIE <sub>LCh</sub>	82, 19.271, 322.460
Yxy	60.8732, 0.3120, 0.2951
Android (android.graphics.Color)	4292920547 (0xFFE0C4E3)
YUV	207.9060, 9.4133, 14.1144
Hunter-Lab	78.0213, 10.6749, -6.9625

# Details

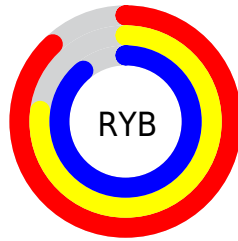
The Decimal color **14730467** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **13099972**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16776703**, and **11112108** is the 20% darker color. If you saturate the color by 10%, you get **14593507**, and if you desaturate by 10%, it is **14867427**.

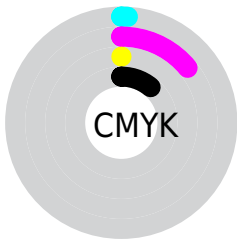
# Distribution



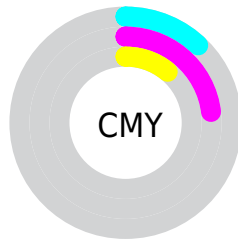
- Red (88%)
- Green (77%)
- Blue (89%)



- Red (88%)
- Yellow (77%)
- Blue (89%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14730467 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 14730467 by changing the saturation by 10% instead.



 14730467	 14730467
16777215	 12888519
 16776703	 11112108
	 9336209
	 7625847
	 6046815
	 4468295
	 2955568
	 1703964
	 0

 14730467

 14730467

 14593507


 14867427

 14456803

 15004131

 14254307

 15204323

 14117347

 15335395

 13980643

 15466467

 13843683

 15597539

 13706723

 15728611

 13504227

 15925219

 13435107

 16056291

# Harmonies

## Analogous

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



13290222



14730467



15647186

# Triad

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



14730467



14731945



10344410

# Complementary

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



14730467



13099972

# 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.



10934215



14730467



13422763

# Square

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



14730467



15582385



12113334



10671593

# Rectangle

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



14730467



15974598



12113334



10475476



# Sweetspot

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



14730467



16709119



12896227



8354176



0



8421504



# Same Dimension

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



14730467



16504575



14927063



7497587



10551475



3014707



# Inverse Universe

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



14927047



16766682



12903376



7563112



11730961

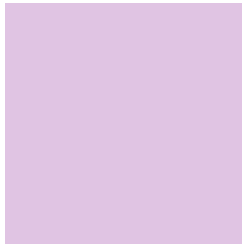


3342341



# Previews

## White Background



This preview shows how the Decimal color 14730467 looks on a white background.

## Color Contrast Check

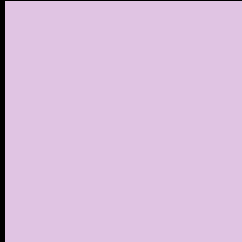
Large Text (above 18pt) WCAG AA × Fail

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 14730467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

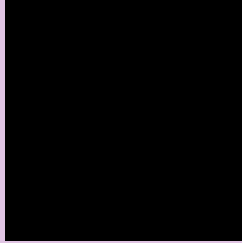
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14730467 Background



This preview shows how black text looks on a background with the Decimal color 14730467.

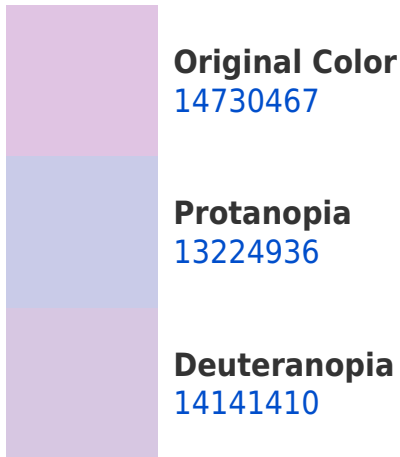



This preview shows how white text looks on a background with the Decimal color 14730467.

# 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**  
14599894

# Trichromacy



**Original Color**  
14730467

**Protanomaly**  
13748454

**Deuteranomaly**  
14337762

**Tritanomaly**  
14665179

# Monochromacy



**Original Color**  
14730467

**Achromatopsia**  
13684944

**Achromatomaly**  
14077143

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14730467 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 #E0C4E3 looks like.

```
.text, #text, p{  
    color:#E0C4E3  
}
```

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 #E0C4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C4E3
}
```

## Border

The CSS property to change the border of an element to Decimal 14730467 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
#E0C4E3 }
```

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

```
.border{ border-color:#E0C4E3 }
```

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

Here you see how a box with a 4 pixel #E0C4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C4E3; -webkit-box-shadow:4px 4px  
4px 4px #E0C4E3; box-shadow:4px 4px 4px  
4px #E0C4E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14730467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C4E3 }
```

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

```
.background{ background-color:#E0C4E3 }
```

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