

# Converting Colors

Decimal(14596071)

Have a look what the booklet for  
Decimal(14596071) contains.

<b>Decimal(14596071)</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(14596071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEB7E7
RGB	222, 183, 231
RGB Percent	87%, 72%, 91%
CMY	0.1294, 0.2824, 0.0941
CMYK	0.04, 0.21, 0.00, 0.09
HSL	289°, 50%, 81%
HSV	289°, 21%, 91%
XYZ	61.4815, 55.1661, 83.0090
YIQ	200.1330, 7.8360, 23.1960

# Conversions

## Conversions Part 2

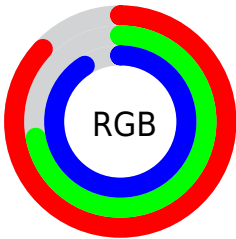
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 183, 231
Decimal	14596071
CIE Lab	79.14, 22.35, -18.68
CIE LCh	79, 29.124, 320.113
Yxy	55.1661, 0.3079, 0.2763
Android (android.graphics.Color)	4292786151 (0xFFDEB7E7)
YUV	200.1330, 15.2174, 19.1774
Hunter-Lab	74.2739, 17.7772, -14.2712

# Details

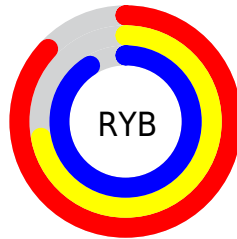
The Decimal color **14596071** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12642231**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16773119**, and **10912431** is the 20% darker color. If you saturate the color by 10%, you get **14328039**, and if you desaturate by 10%, it is **14864103**.

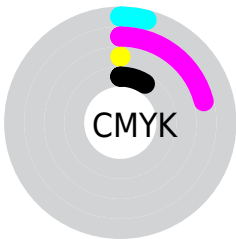
# Distribution



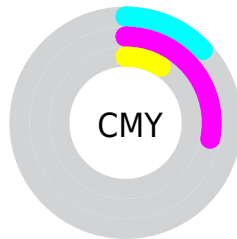
- Red (87%)
- Green (72%)
- Blue (91%)



- Red (87%)
- Yellow (72%)
- Blue (91%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (28%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14596071 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 14596071 by changing the saturation by 10% instead.



■ 14596071

■ 14596071

16777215

■ 12754123

■ 16773119

■ 10912431

■ 9201813

■ 7491707

■ 5847394

■ 4268618

■ 2755891

■ 1507358

■ 0

 14596071

 14596071

 14328039

 14864103

 13994471

 15197671

 13726439

 15465703

 13458407

 15728615

 13124839

 16056295

 12856551

 16318439

 12588519

 16580583

 12320999

 16777191

# Harmonies

## Analogous

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



12370167



14596071



16036302

# Triad

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



14596071



14729103



7656406

# Complementary

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



14596071



12642231

# 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.



8967098



14596071



12961937

# Square

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



14596071



16037531



10932128



7983341

# Rectangle

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



14596071



16494780



10932128



7984076



# Sweetspot

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



14596071



16576767



12042727



8288128



0



8421504



# Same Dimension

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



14596071



15974399



15185881



7432051



9502899



2687027



# Inverse Universe

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



15185856



16760779



12052421



7563113



11730977

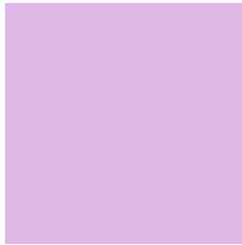


3342346



# Previews

## White Background



This preview shows how the Decimal color 14596071 looks on a white background.

## Color Contrast Check

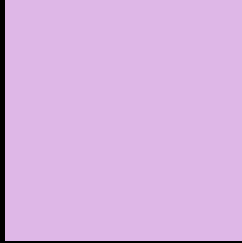
Large Text (above 18pt) WCAG AA × Fail

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 14596071 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 14596071 Background



This preview shows how black text looks on a background with the Decimal color 14596071.

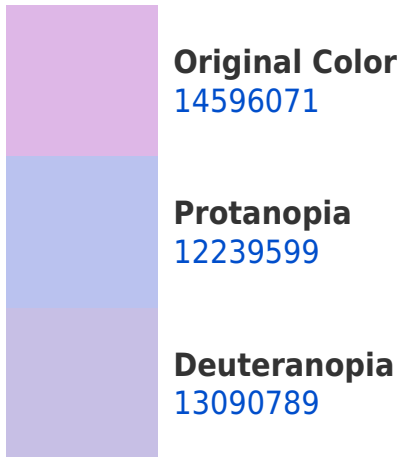



This preview shows how white text looks on a background with the Decimal color 14596071.

# 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**  
14335179

# Trichromacy



**Original Color**  
14596071

**Protanomaly**  
13090540

**Deuteranomaly**  
13614310

**Tritanomaly**  
14400213

# Monochromacy



**Original Color**  
14596071

**Achromatopsia**  
13158600

**Achromatomaly**  
13681363

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14596071 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 #DEB7E7 looks like.

```
.text, #text, p{  
    color:#DEB7E7  
}
```

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 #DEB7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB7E7
}
```

## Border

The CSS property to change the border of an element to Decimal 14596071 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
#DEB7E7 }
```

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

```
.border{ border-color:#DEB7E7 }
```

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

Here you see how a box with a 4 pixel #DEB7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB7E7; -webkit-box-shadow:4px 4px  
4px 4px #DEB7E7; box-shadow:4px 4px 4px  
4px #DEB7E7 }
```

# Background

The CSS property to change the background color of an element to Decimal 14596071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB7E7 }
```

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

```
.background{ background-color:#DEB7E7 }
```

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