

# Converting Colors

Decimal(14450380)

Have a look what the booklet for  
Decimal(14450380) contains.

<b>Decimal(14450380)</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(14450380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC7ECC
RGB	220, 126, 204
RGB Percent	86%, 49%, 80%
CMY	0.1373, 0.5059, 0.2000
CMYK	0.00, 0.43, 0.07, 0.14
HSL	310°, 57%, 68%
HSV	310°, 43%, 86%
XYZ	47.8751, 34.4970, 61.2620
YIQ	162.9980, 30.9860, 44.1860

# Conversions

## Conversions Part 2

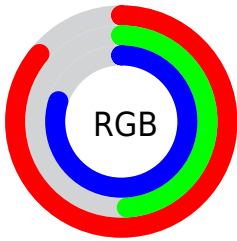
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 126, 204
Decimal	14450380
CIE <sub>Lab</sub>	65.36, 47.16, -24.84
CIE <sub>LCh</sub>	65, 53.301, 332.220
Yxy	34.4970, 0.3333, 0.2402
Android (android.graphics.Color)	4292640460 (0xFFDC7ECC)
YUV	162.9980, 20.2140, 49.9908
Hunter-Lab	58.7341, 42.7135, -20.7279

# Details

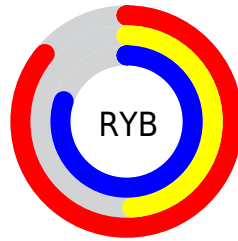
The Decimal color **14450380** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8313998**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16758271**, and **10701206** is the 20% darker color. If you saturate the color by 10%, you get **14444744**, and if you desaturate by 10%, it is **14456016**.

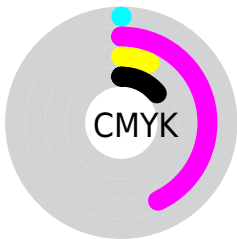
# Distribution



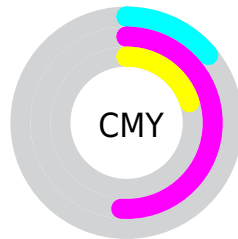
- Red (86%)
- Green (49%)
- Blue (80%)



- Red (86%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (43%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14450380 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 14450380 by changing the saturation by 10% instead.



 14450380

 14450380

16777215

 12542896


 16758271

 10701206

 16765439

 8925052

 16772863

 7147875

 5439562

 3735603

 2162718

 0

 14450380

 14450380

14444744

14456016

14439109

14461651

14433473

14467287

14427837

14472923

14422201

14478559

14418103

14483426

14483430

14483434

14483438

# Harmonies

## Analogous

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



10916336



14450380



16086429

# Triad

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



14450380



11967802



46544

# Complementary

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



14450380



8313998

# 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.



46753



14450380



8760138

# Square

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



14450380



14519370



4371312



45042

# Rectangle

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



14450380



16217981



4371312



46785



# Sweetspot

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



14450380



16768761



9338588



8416124



0



8421504



# Same Dimension

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



14450380



16743913



14450333



7234412



11337872



3014694



# Inverse Universe

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



14450380



16743913



8314045



7234412



11337872



3014694



# Previews

## White Background



This preview shows how the Decimal color 14450380 looks on a white background.

## Color Contrast Check

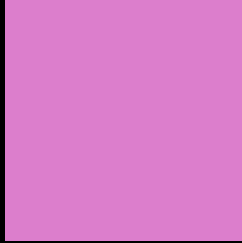
Large Text (above 18pt) WCAG AA × Fail

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 14450380 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 14450380 Background



This preview shows how black text looks on a background with the Decimal color 14450380.

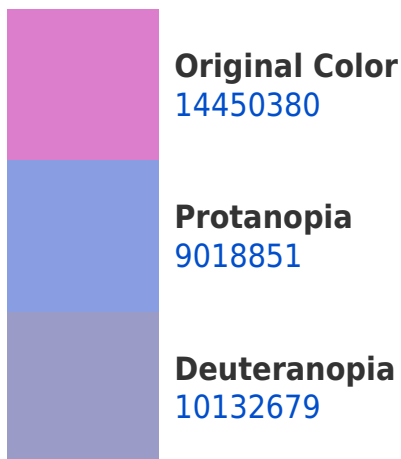


This preview shows how white text looks on a background with the Decimal color 14450380.

# 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**  
13994644

# Trichromacy



**Original Color**  
14450380



**Protanomaly**  
10982107



**Deuteranomaly**  
11702729

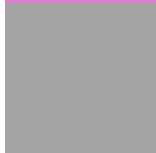


**Tritanomaly**  
14190248

# Monochromacy



**Original Color**  
14450380



**Achromatopsia**  
10724259



**Achromatomaly**  
12097202

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14450380 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 #DC7ECC looks like.

```
.text, #text, p{  
  color:#DC7ECC  
}
```

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 #DC7ECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7ECC
}
```

## Border

The CSS property to change the border of an element to Decimal 14450380 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
#DC7ECC }
```

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

```
.border{ border-color:#DC7ECC }
```

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

Here you see how a box with a 4 pixel #DC7ECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7ECC; -webkit-box-shadow:4px 4px  
4px 4px #DC7ECC; box-shadow:4px 4px 4px  
4px #DC7ECC }
```

# Background

The CSS property to change the background color of an element to Decimal 14450380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7ECC }
```

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

```
.background{ background-color:#DC7ECC }
```

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