

Converting Colors

Decimal(13675246)

Have a look what the booklet for
Decimal(13675246) contains.

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Color

Decimal(13675246)

Conversions

Conversions Part 1

Format	Color
Hex	D0AAEE
RGB	208, 170, 238
RGB Percent	82%, 67%, 93%
CMY	0.1843, 0.3333, 0.0667
CMYK	0.13, 0.29, 0.00, 0.07
HSL	274°, 67%, 80%
HSV	274°, 29%, 93%
XYZ	55.8198, 48.3324, 87.2760
YIQ	189.1140, 0.8200, 29.2040

Conversions

Conversions Part 2

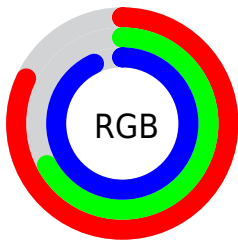
Format	Color
R _Y B	208, 170, 238
Decimal	13675246
CIE Lab	75.03, 26.33, -28.83
CIE LCh	75, 39.042, 312.404
Yxy	48.3324, 0.2916, 0.2525
Android (android.graphics.Color)	4291865326 (0xFFD0AAEE)
YUV	189.1140, 24.1008, 16.5630
Hunter-Lab	69.5215, 21.6575, -25.7665

Details

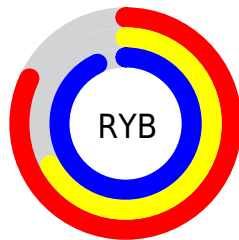
The Decimal color **13675246** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13168298**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16769791**, and **10057142** is the 20% darker color. If you saturate the color by 10%, you get **12948206**, and if you desaturate by 10%, it is **14336750**.

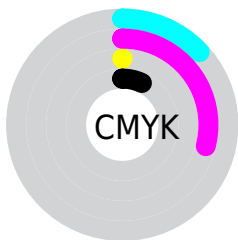
Distribution



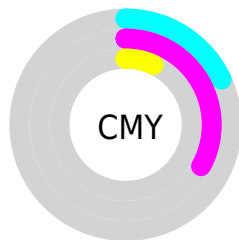
- Red (82%)
- Green (67%)
- Blue (93%)



- Red (82%)
- Yellow (67%)
- Blue (93%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13675246 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 13675246 by changing the saturation by 10% instead.

 13675246

 13675246

16777215

 11833298

 16769791

 10057142

16776959

 8281499

 6636929

 4992615

 3413839

 1900856

 34

 7

 13675246

 13675246

 12948206

 14336750

 12286702


 15063790

 11559918

 15725038

 10898414

 16449518

 10171374

 16777198

 9509870

 8782830

 8716526

Harmonies

Analogous

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



10336255



13675246



15900879

Triad

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



13675246



14921589



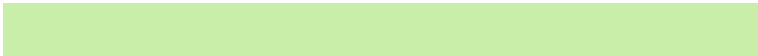
3984583

Complementary

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



13675246



13168298

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.



7195298



13675246



12761970

Square

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



13675246



16360330



10143106



2804456

Rectangle

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



13675246



16620983



10143106



5098682

Sweetspot

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



13675246



16115967



11192814



7958912



0



8421504

Same Dimension

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



13675246



14264575



15641323



7564408



6750392



2031672

Inverse Universe

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



15641288



16754895



11202221



7892081



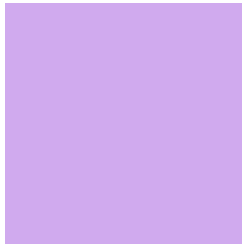
12058705



3670041

Previews

White Background



This preview shows how the Decimal color 13675246 looks on a white background.

Color Contrast Check

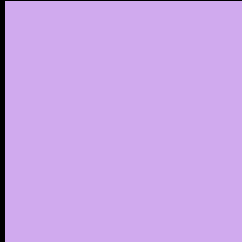
Large Text (above 18pt) WCAG AA × Fail

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 13675246 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 13675246 Background



This preview shows how black text looks on a background with the Decimal color 13675246.

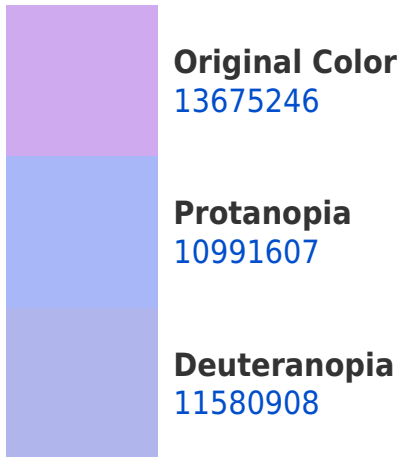



This preview shows how white text looks on a background with the Decimal color 13675246.

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
13218753

Trichromacy



Original Color
13675246



Protanomaly
11973364



Deuteranomaly
12366317



Tritanomaly
13414609

Monochromacy



Original Color
13675246



Achromatopsia
12434877



Achromatomaly
12891855

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13675246 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 #D0AAEE looks like.

```
.text, #text, p{  
    color:#D0AAEE  
}
```

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 #D0AAEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0AAEE
}
```

Border

The CSS property to change the border of an element to Decimal 13675246 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
#D0AAEE }
```

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

```
.border{ border-color:#D0AAEE }
```

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

Here you see how a box with a 4 pixel #D0AAEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0AAEE; -webkit-box-shadow:4px 4px  
4px 4px #D0AAEE; box-shadow:4px 4px 4px  
4px #D0AAEE }
```

Background

The CSS property to change the background color of an element to Decimal 13675246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0AAEE }
```

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

```
.background{ background-color:#D0AAEE }
```

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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