

Converting Colors

Decimal(13676773)

Have a look what the booklet for
Decimal(13676773) contains.

Decimal(13676773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13676773)

Conversions

Conversions Part 1

Format	Color
Hex	D0B0E5
RGB	208, 176, 229
RGB Percent	82%, 69%, 90%
CMY	0.1843, 0.3098, 0.1020
CMYK	0.09, 0.23, 0.00, 0.10
HSL	276°, 50%, 79%
HSV	276°, 23%, 90%
XYZ	55.6806, 50.1177, 80.8677
YIQ	191.6100, 2.0590, 23.2670

Conversions

Conversions Part 2

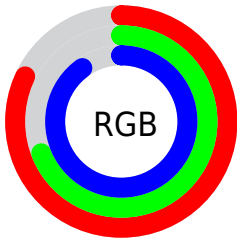
Format	Color
R _{YB}	208, 176, 229
Decimal	13676773
CIE _{Lab}	76.14, 21.21, -22.26
CIE _{LCh}	76, 30.742, 313.617
Yxy	50.1177, 0.2983, 0.2685
Android (android.graphics.Color)	4291866853 (0xFFD0B0E5)
YUV	191.6100, 18.4333, 14.3740
Hunter-Lab	70.7939, 16.5041, -18.1712

Details

The Decimal color **13676773** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12969392**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16771327**, and **10058669** is the 20% darker color. If you saturate the color by 10%, you get **13081061**, and if you desaturate by 10%, it is **14272485**.

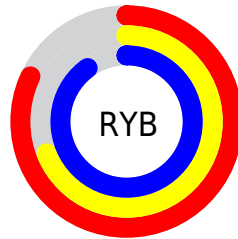
Distribution



Red (82%)

Green (69%)

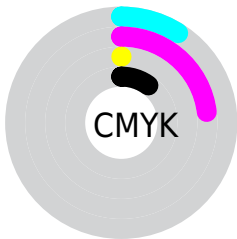
Blue (90%)



Red (82%)

Yellow (69%)

Blue (90%)

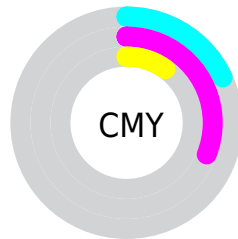


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (18%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13676773 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 13676773 by changing the saturation by 10% instead.

 13676773

 13676773

16777215

 11834825

 16771327

 10058669

 8348307

 6638201

 5059424

 3480904

 2033713

 28

 0

 13676773

 13676773

 13081061

 14272485

 12485349

 14868197

 11889637

 15463909

 11293925

 16056293

 10698213

 16646117

 10102757

 16777189

 9441509

 9044197

Harmonies

Analogous

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



11188979



13676773



15378892

Triad

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



13676773



14595462



6868168

Complementary

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



13676773



12969392

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.



8571563



13676773



12828292

Square

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



13676773



15772822



10733202



6736354

Rectangle

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



13676773



15968185



10733202



7326910

Sweetspot

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



13676773



16313855



11584997



8091008



0



8421504

Same Dimension

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



13676773



14924031



15053024



7235443



7078067



2031667

Inverse Universe

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



15052997



16758996



11593141



7563116



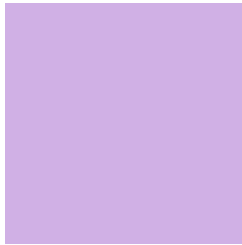
11731015



3342356

Previews

White Background



This preview shows how the Decimal color 13676773 looks on a white background.

Color Contrast Check

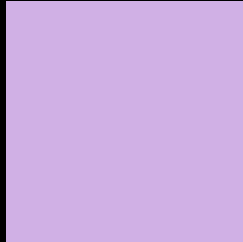
Large Text (above 18pt) WCAG AA × Fail

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 13676773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

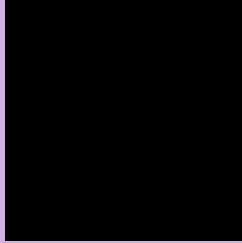
Any Text WCAG AA ✓ Pass

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 13676773 Background



This preview shows how black text looks on a background with the Decimal color 13676773.

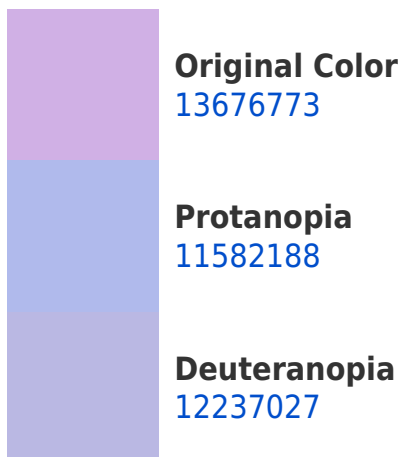



This preview shows how white text looks on a background with the Decimal color 13676773.

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
13350596

Trichromacy



Original Color
13676773

Protanomaly
12367593

Deuteranomaly
12760548

Tritanomaly
13481168

Monochromacy



Original Color
13676773

Achromatopsia
12632256

Achromatomaly
13023949

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13676773 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 #D0B0E5 looks like.

```
.text, #text, p{  
    color:#D0B0E5  
}
```

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 #D0B0E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B0E5
}
```

Border

The CSS property to change the border of an element to Decimal 13676773 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
#D0B0E5 }
```

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

```
.border{ border-color:#D0B0E5 }
```

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

Here you see how a box with a 4 pixel #D0B0E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B0E5; -webkit-box-shadow:4px 4px  
4px 4px #D0B0E5; box-shadow:4px 4px 4px  
4px #D0B0E5 }
```

Background

The CSS property to change the background color of an element to Decimal 13676773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B0E5 }
```

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

```
.background{ background-color:#D0B0E5 }
```

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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