

Converting Colors

Decimal(12755947)

Have a look what the booklet for
Decimal(12755947) contains.

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Color

Decimal(12755947)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3EB
RGB	194, 163, 235
RGB Percent	76%, 64%, 92%
CMY	0.2392, 0.3608, 0.0784
CMYK	0.17, 0.31, 0.00, 0.08
HSL	266°, 64%, 78%
HSV	266°, 31%, 92%
XYZ	50.3407, 43.6619, 84.3716
YIQ	180.4770, -4.6360, 28.9640

Conversions

Conversions Part 2

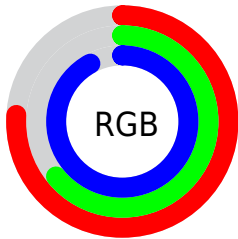
Format	Color
RYB	194, 163, 235
Decimal	12755947
CIELab	72.00, 25.22, -31.97
CIElCh	72, 40.724, 308.270
Yxy	43.6619, 0.2822, 0.2448
Android (android.graphics.Color)	4290946027 (0xFFC2A3EB)
YUV	180.4770, 26.8798, 11.8597
Hunter-Lab	66.0771, 20.3549, -29.4514

Details

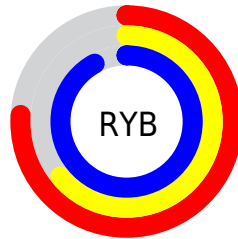
The Decimal color **12755947** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13429667**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16505599**, and **9138099** is the 20% darker color. If you saturate the color by 10%, you get **11897835**, and if you desaturate by 10%, it is **13614059**.

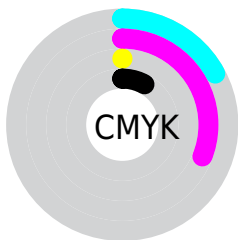
Distribution



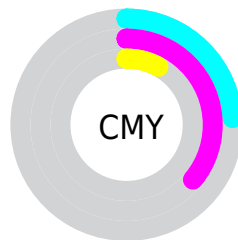
- Red (76%)
- Green (64%)
- Blue (92%)



- Red (76%)
- Yellow (64%)
- Blue (92%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12755947 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 12755947 by changing the saturation by 10% instead.

12755947

12755947

16777215

10914255

16505599

9138099

16775167

7427736

5783422

4139109

2560844

1245237

543

2

■ 12755947

■ 12755947

■ 11897835

■ 13614059

■ 10974443

■ 14537451

■ 10116587

■ 15395563

■ 9192939

■ 16318443

■ 8335083

■ 16777195

■ 7476971

■ 6619371

Harmonies

Analogous

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



9155066



12755947



15177677

Triad

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



12755947



14656876



2802874

Complementary

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



12755947



13429667

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.



6800020



12755947



12563046

Square

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



12755947



16030084



9878645



49885

Rectangle

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



12755947



16094132



9878645



4375725

Sweetspot

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



12755947



15919359



10735083



7893376



0



8421504

Same Dimension

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



12755947



13214207



15049707



7301749



5111989



1507382

Inverse Universe

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



15442892



16753110



11135907



7694960



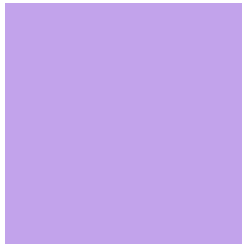
11862119



3538974

Previews

White Background



This preview shows how the Decimal color 12755947 looks on a white background.

Color Contrast Check

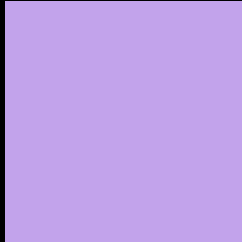
Large Text (above 18pt) WCAG AA × Fail

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 12755947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

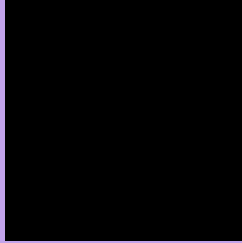
Any Text WCAG AA ✓ Pass

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 12755947 Background



This preview shows how black text looks on a background with the Decimal color 12755947.




This preview shows how white text looks on a background with the Decimal color 12755947.

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
12234170

Trichromacy



Original Color
12755947



Protanomaly
11184881



Deuteranomaly
11447018



Tritanomaly
12429772

Monochromacy



Original Color
12755947



Achromatopsia
11842740



Achromatomaly
12168904

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12755947 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 #C2A3EB looks like.

```
.text, #text, p{  
    color:#C2A3EB  
}
```

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 #C2A3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A3EB
}
```

Border

The CSS property to change the border of an element to Decimal 12755947 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
#C2A3EB }
```

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

```
.border{ border-color:#C2A3EB }
```

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

Here you see how a box with a 4 pixel #C2A3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A3EB; -webkit-box-shadow:4px 4px  
4px 4px #C2A3EB; box-shadow:4px 4px 4px  
4px #C2A3EB }
```

Background

The CSS property to change the background color of an element to Decimal 12755947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A3EB }
```

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

```
.background{ background-color:#C2A3EB }
```

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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