

Converting Colors

Decimal(13212384)

Have a look what the booklet for
Decimal(13212384) contains.

Decimal(13212384)	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(13212384)

Conversions

Conversions Part 1

Format	Color
Hex	C99AE0
RGB	201, 154, 224
RGB Percent	79%, 60%, 88%
CMY	0.2118, 0.3961, 0.1216
CMYK	0.10, 0.31, 0.00, 0.12
HSL	280°, 53%, 74%
HSV	280°, 31%, 88%
XYZ	49.0975, 40.9105, 75.8298
YIQ	176.0330, 5.5420, 31.7340

Conversions

Conversions Part 2

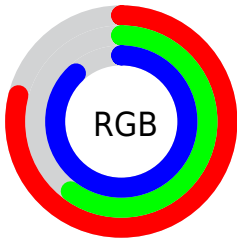
Format	Color
R_{YB}	201, 154, 224
Decimal	13212384
CIE _{Lab}	70.11, 30.01, -28.81
CIE _{LCh}	70, 41.597, 316.168
Yxy	40.9105, 0.2961, 0.2467
Android (android.graphics.Color)	4291402464 (0xFFC99AE0)
YUV	176.0330, 23.6477, 21.8961
Hunter-Lab	63.9613, 25.0865, -25.5187

Details

The Decimal color **13212384** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11657370**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16765439**, and **9594537** is the 20% darker color. If you saturate the color by 10%, you get **12748000**, and if you desaturate by 10%, it is **13676768**.

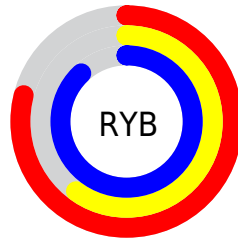
Distribution



Red (79%)

Green (60%)

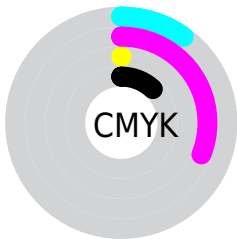
Blue (88%)



Red (79%)

Yellow (60%)

Blue (88%)

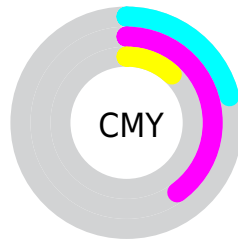


Cyan (10%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (21%)

Magenta (40%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13212384 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 13212384 by changing the saturation by 10% instead.

■ 13212384

■ 13212384

16777215

■ 11370692

■ 16765439

■ 9594537

■ 16772607

■ 7884430

■ 6174324

■ 4530011

■ 2951235

■ 1835053

■ 279

■ 0

 13212384

 13212384

 12748000

 13676768

 12217824

 14206944

 11753440

 14671328


 11288800

 15135968

 10758880

 15663072

 10294496

 16121824

 9830624

 16646112

 16777184

Harmonies

Analogous

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



9808116



13212384



15372223

Triad

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



13212384



13869922



49087

Complementary

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



13212384



11657370

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.



5357208



13212384



11513953

Square

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



13212384



15505015



8763766



48353

Rectangle

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



13212384



15961509



8763766



1949618

Sweetspot

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



13212384



16247039



10138080



8089984



0



8421504

Same Dimension

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



13212384



14655231



14719700



7169392



7733424



2162736

Inverse Universe

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



14719665



16752318



10150054



7365993



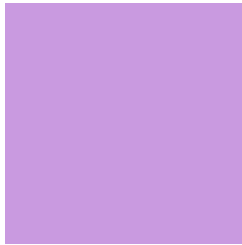
11534394



3145744

Previews

White Background



This preview shows how the Decimal color 13212384 looks on a white background.

Color Contrast Check

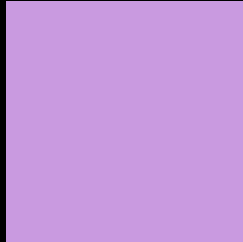
Large Text (above 18pt) WCAG AA × Fail

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 13212384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

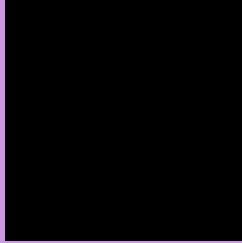
Any Text WCAG AA ✓ Pass

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 13212384 Background



This preview shows how black text looks on a background with the Decimal color 13212384.

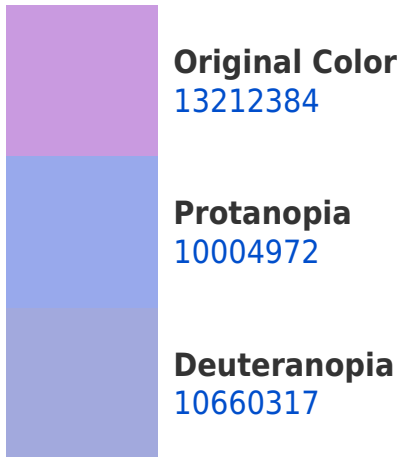


This preview shows how white text looks on a background with the Decimal color 13212384.

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
12755888

Trichromacy



Original Color

13212384



Protanomaly

11183336



Deuteranomaly

11576542



Tritanomaly

12951745

Monochromacy



Original Color

13212384



Achromatopsia

11579568



Achromatomaly

12167361

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13212384 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 #C99AE0 looks like.

```
.text, #text, p{  
    color:#C99AE0  
}
```

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 #C99AE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99AE0
}
```

Border

The CSS property to change the border of an element to Decimal 13212384 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
#C99AE0 }
```

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

```
.border{ border-color:#C99AE0 }
```

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

Here you see how a box with a 4 pixel #C99AE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99AE0; -webkit-box-shadow:4px 4px  
4px 4px #C99AE0; box-shadow:4px 4px 4px  
4px #C99AE0 }
```

Background

The CSS property to change the background color of an element to Decimal 13212384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99AE0 }
```

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

```
.background{ background-color:#C99AE0 }
```

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