

Converting Colors

Decimal(13213401)

Have a look what the booklet for
Decimal(13213401) contains.

Decimal(13213401)	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(13213401)

Conversions

Conversions Part 1

Format	Color
Hex	C99ED9
RGB	201, 158, 217
RGB Percent	79%, 62%, 85%
CMY	0.2118, 0.3804, 0.1490
CMYK	0.07, 0.27, 0.00, 0.15
HSL	284°, 44%, 74%
HSV	284°, 27%, 85%
XYZ	48.8386, 41.8810, 71.1554
YIQ	177.5830, 6.6890, 27.4650

Conversions

Conversions Part 2

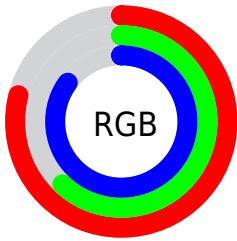
Format	Color
RYB	201, 158, 217
Decimal	13213401
CIELab	70.79, 26.39, -23.92
CIELCh	71, 35.618, 317.806
Yxy	41.8810, 0.3017, 0.2587
Android (android.graphics.Color)	4291403481 (0xFFC99ED9)
YUV	177.5830, 19.4326, 20.5367
Hunter-Lab	64.7155, 21.4558, -19.8891

Details

The Decimal color **13213401** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11458974**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16766463**, and **9595554** is the 20% darker color. If you saturate the color by 10%, you get **12814553**, and if you desaturate by 10%, it is **13612249**.

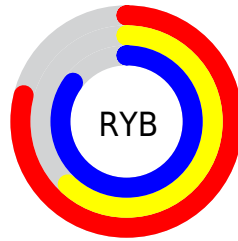
Distribution



Red (79%)

Green (62%)

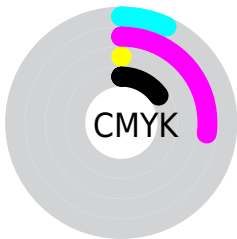
Blue (85%)



Red (79%)

Yellow (62%)

Blue (85%)

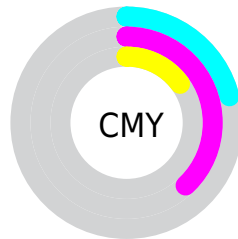


Cyan (7%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (21%)














Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13213401 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 13213401 by changing the saturation by 10% instead.

 13213401	 13213401
16777215	 11371709
 16766463	 9595554
 16773631	 7885448
	 6240878
	 4596566
	 3083582
	 1900584
	 274
	 0

 13213401

 13213401

 12814553

 13612249

 12415961

 14010841

 12017113

 14409689

 11618265

 14808537

 11285209

 15138777

 10886361

 15531993

 10487513

 15925209

 10354905

 16318425

 16711641

Harmonies

Analogous

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



10398443



13213401



14980796

Triad

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



13213401



13608814



3981248

Complementary

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



13213401



11458974

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.



6536862



13213401



11579759

Square

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



13213401



15047807



9156993



3914972

Rectangle

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



13213401



15504550



9156993



4767669

Sweetspot

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



13213401



16378879



10399705



8156032



0



8421504

Same Dimension

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



13213401



15248383



14261964



7037806



8257709



2162734

Inverse Universe

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



14261934



16755650



10410411



7234406



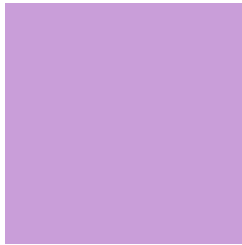
11337775



3014668

Previews

White Background



This preview shows how the Decimal color 13213401 looks on a white background.

Color Contrast Check

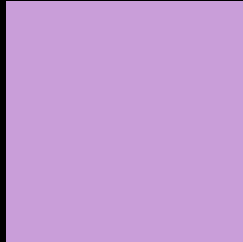
Large Text (above 18pt) WCAG AA × Fail

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 13213401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

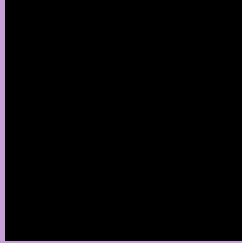
Any Text WCAG AA ✓ Pass

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 13213401 Background



This preview shows how black text looks on a background with the Decimal color 13213401.

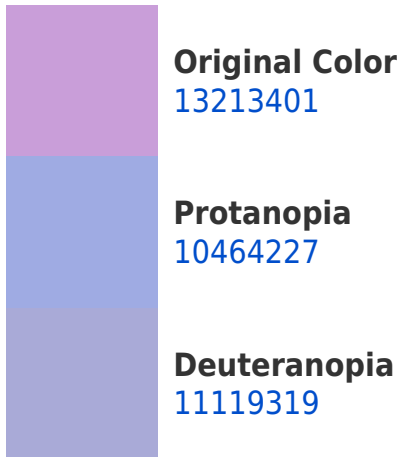



This preview shows how white text looks on a background with the Decimal color 13213401.

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
12821938

Trichromacy



Original Color
13213401

Protanomaly
11445983

Deuteranomaly
11904728

Tritanomaly
12952256

Monochromacy



Original Color
13213401

Achromatopsia
11711154

Achromatomaly
12233664

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13213401 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 #C99ED9 looks like.

```
.text, #text, p{  
    color:#C99ED9  
}
```

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 #C99ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99ED9
}
```

Border

The CSS property to change the border of an element to Decimal 13213401 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
#C99ED9 }
```

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

```
.border{ border-color:#C99ED9 }
```

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

Here you see how a box with a 4 pixel #C99ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99ED9; -webkit-box-shadow:4px 4px  
4px 4px #C99ED9; box-shadow:4px 4px 4px  
4px #C99ED9 }
```

Background

The CSS property to change the background color of an element to Decimal 13213401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99ED9 }
```

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

```
.background{ background-color:#C99ED9 }
```

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