

Converting Colors

Decimal(12889312)

Have a look what the booklet for
Decimal(12889312) contains.

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Color

Decimal(12889312)

Conversions

Conversions Part 1

Format	Color
Hex	C4ACE0
RGB	196, 172, 224
RGB Percent	77%, 67%, 88%
CMY	0.2314, 0.3255, 0.1216
CMYK	0.12, 0.23, 0.00, 0.12
HSL	268°, 46%, 78%
HSV	268°, 23%, 88%
XYZ	50.9720, 46.6226, 76.8336
YIQ	185.1040, -2.3880, 21.2600

Conversions

Conversions Part 2

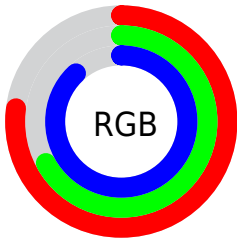
Format	Color
R _Y B	196, 172, 224
Decimal	12889312
CIE Lab	73.95, 18.52, -22.98
CIE LCh	74, 29.510, 308.872
Yxy	46.6226, 0.2922, 0.2673
Android (android.graphics.Color)	4291079392 (0xFFC4ACE0)
YUV	185.1040, 19.1757, 9.5558
Hunter-Lab	68.2808, 13.7600, -18.9201

Details

The Decimal color **12889312** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13164716**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16638975**, and **9337001** is the 20% darker color. If you saturate the color by 10%, you get **12097248**, and if you desaturate by 10%, it is **13681376**.

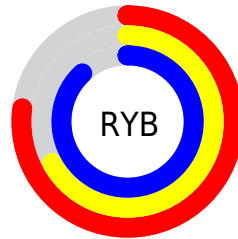
Distribution



Red (77%)

Green (67%)

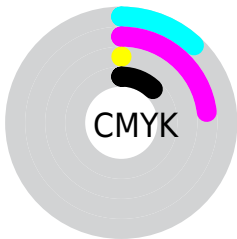
Blue (88%)



Red (77%)

Yellow (67%)

Blue (88%)

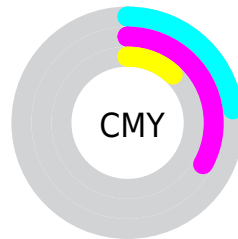


Cyan (12%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (23%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12889312 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 12889312 by changing the saturation by 10% instead.

■ 12889312

16777215

■ 16638975

■ 12889312

■ 11112900

■ 9337001

■ 7626638

■ 5982068

■ 4403292

■ 2825028

■ 1508141

■ 280

■ 0

 12889312

 12889312

 12097248

 13681376

 11304928

 14473696

 10512864

 15265760

 9720544

 16056288

 8928480

 16777184

 8136416

 7344096

 6750432

Harmonies

Analogous

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



10467051



12889312



14656714

Triad

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



12889312



14331524



6997437

Complementary

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



12889312



13164716

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.



8700833



12889312



12695424

Square

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



12889312



15312277



10731147



6538199

Rectangle

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



12889312



15311544



10731147



7456180

Sweetspot

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



12889312



16117247



11323872



8025472



0



8421504

Same Dimension

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



12889312



14268671



14527712



6972784



5308592



1441840

Inverse Universe

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



14724296



16759006



11526316



7365995



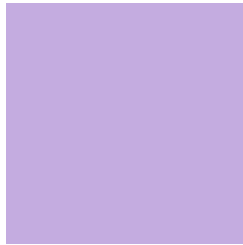
11534431



3145754

Previews

White Background



This preview shows how the Decimal color 12889312 looks on a white background.

Color Contrast Check

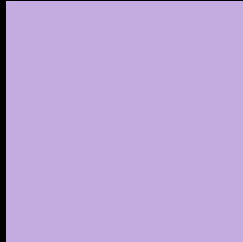
Large Text (above 18pt) WCAG AA × Fail

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 12889312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

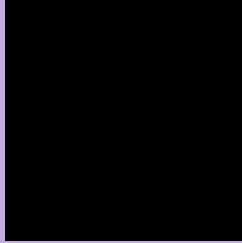
Any Text WCAG AA ✓ Pass

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 12889312 Background



This preview shows how black text looks on a background with the Decimal color 12889312.



This preview shows how white text looks on a background with the Decimal color 12889312.

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



Original Color
12889312

Protanopia
11187430

Deuteranopia
11776735



Tritanopia
12563136

Trichromacy



Original Color

12889312

Protanomaly

11776484

Deuteranomaly

12169439

Tritanomaly

12693708

Monochromacy



Original Color

12889312

Achromatopsia

12171705

Achromatomaly

12432583

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12889312 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 #C4ACE0 looks like.

```
.text, #text, p{  
    color:#C4ACE0  
}
```

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 #C4ACE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4ACE0  
}
```

Border

The CSS property to change the border of an element to Decimal 12889312 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  
#C4ACE0 }
```

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

```
.border{ border-color:#C4ACE0 }
```

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

Here you see how a box with a 4 pixel #C4ACE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4ACE0; -webkit-box-shadow:4px 4px  
4px 4px #C4ACE0; box-shadow:4px 4px 4px  
4px #C4ACE0 }
```

Background

The CSS property to change the background color of an element to Decimal 12889312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4ACE0 }
```

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

```
.background{ background-color:#C4ACE0 }
```

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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