

Converting Colors

Decimal(12893949)

Have a look what the booklet for
Decimal(12893949) contains.

Decimal(12893949)	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(12893949)

Conversions

Conversions Part 1

Format	Color
Hex	C4BEFD
RGB	196, 190, 253
RGB Percent	77%, 75%, 99%
CMY	0.2314, 0.2549, 0.0078
CMYK	0.23, 0.25, 0.00, 0.01
HSL	246°, 94%, 87%
HSV	246°, 25%, 99%
XYZ	58.9080, 55.6545, 100.5661
YIQ	198.9760, -16.6470, 20.8650

Conversions

Conversions Part 2

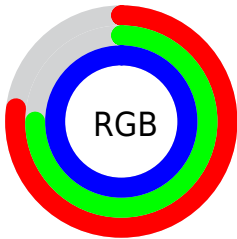
Format	Color
R _Y B	196, 190, 253
Decimal	12893949
CIE Lab	79.42, 15.02, -30.26
CIE LCh	79, 33.784, 296.399
Yxy	55.6545, 0.2738, 0.2587
Android (android.graphics.Color)	4291084029 (0xFFC4BEFD)
YUV	198.9760, 26.6338, -2.6100
Hunter-Lab	74.6020, 10.3957, -27.7037

Details

The Decimal color **12893949** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16252350**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16643839**, and **9275844** is the 20% darker color. If you saturate the color by 10%, you get **11380221**, and if you desaturate by 10%, it is **14407677**.

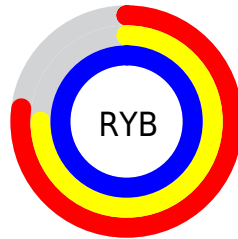
Distribution



Red (77%)

Green (75%)

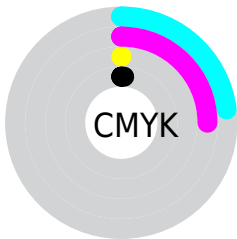
Blue (99%)



Red (77%)

Yellow (75%)

Blue (99%)

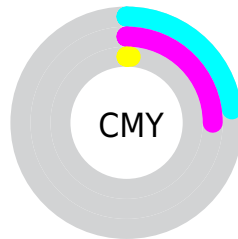


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12893949 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 12893949 by changing the saturation by 10% instead.

■ 12893949

■ 12893949

16777215

■ 11052000

■ 16643839

■ 9275844

■ 7565225

■ 5855118

■ 4210804

■ 2566747

■ 857668

■ 45

■ 280

■ 12893949

■ 12893949

■ 11380221

■ 14407677

■ 9866237

■ 15921661

■ 8352509

16777213

■ 6838781

■ 5390589

■ 3876605

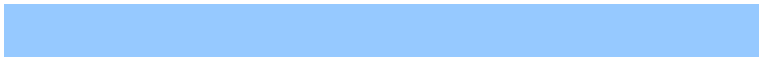
■ 2362877

■ 1573117

Harmonies

Analogous

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



9882111



12893949



15316200

Triad

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



12893949



16234385



7788224

Complementary

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



12893949



16252350

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.



10080929



12893949



14598534

Square

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



12893949



16756650



12503948



6280928

Rectangle

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



12893949



16429012



12503948



8508853

Sweetspot

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



12893949



15724031



12515581



7763328



0



8421504

Same Dimension

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



12893949



12235775



14925565



7631744



1179839



393280

Inverse Universe

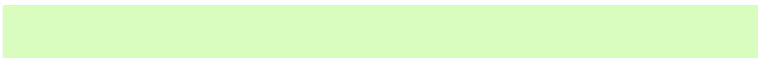
The Inverse Universe completely reimagines the original color for something new.



16629495



16757752



14220734



8418174



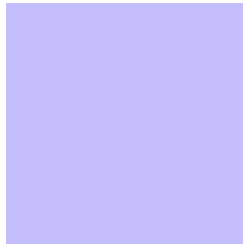
12517549



4194362

Previews

White Background



This preview shows how the Decimal color 12893949 looks on a white background.

Color Contrast Check

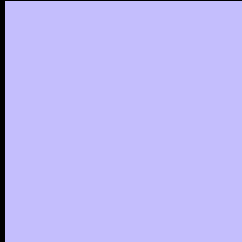
Large Text (above 18pt) WCAG AA × Fail

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 12893949 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 12893949 Background



This preview shows how black text looks on a background with the Decimal color 12893949.



This preview shows how white text looks on a background with the Decimal color 12893949.

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](#).

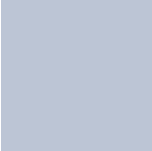
Dichromacy



Original Color
12893949

Protanopia
11911935

Deuteranopia
12239356



Tritanopia
12371413

Trichromacy



Original Color
12893949

Protanomaly
12239358

Deuteranomaly
12501244

Tritanomaly
12567268

Monochromacy



Original Color
12893949

Achromatopsia
13092807

Achromatomaly
13026523

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12893949 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 #C4BEFD looks like.

```
.text, #text, p{  
    color:#C4BEFD  
}
```

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 #C4BEFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BEFD
}
```

Border

The CSS property to change the border of an element to Decimal 12893949 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
#C4BEFD }
```

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

```
.border{ border-color:#C4BEFD }
```

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

Here you see how a box with a 4 pixel #C4BEFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BEFD; -webkit-box-shadow:4px 4px  
4px 4px #C4BEFD; box-shadow:4px 4px 4px  
4px #C4BEFD }
```

Background

The CSS property to change the background color of an element to Decimal 12893949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BEFD }
```

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

```
.background{ background-color:#C4BEFD }
```

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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