

Converting Colors

Decimal(13280249)

Have a look what the booklet for
Decimal(13280249) contains.

Decimal(13280249)	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(13280249)

Conversions

Conversions Part 1

Format	Color
Hex	CAA3F9
RGB	202, 163, 249
RGB Percent	79%, 64%, 98%
CMY	0.2078, 0.3608, 0.0235
CMYK	0.19, 0.35, 0.00, 0.02
HSL	267°, 88%, 81%
HSV	267°, 35%, 98%
XYZ	54.5532, 45.5905, 95.5471
YIQ	184.4650, -4.3620, 35.0140

Conversions

Conversions Part 2

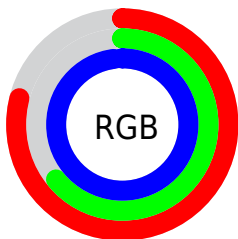
Format	Color
RYB	202, 163, 249
Decimal	13280249
CIELab	73.28, 30.70, -37.55
CIELCh	73, 48.502, 309.272
Yxy	45.5905, 0.2788, 0.2330
Android (android.graphics.Color)	4291470329 (0xFFCAA3F9)
YUV	184.4650, 31.8158, 15.3782
Hunter-Lab	67.5207, 26.0573, -36.6355

Details

The Decimal color **13280249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13826467**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16767743**, and **9662400** is the 20% darker color. If you saturate the color by 10%, you get **12356345**, and if you desaturate by 10%, it is **14204153**.

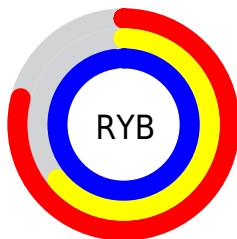
Distribution



Red (79%)

Green (64%)

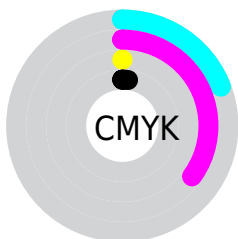
Blue (98%)



Red (79%)

Yellow (64%)

Blue (98%)

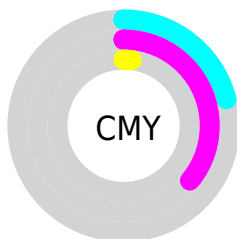


Cyan (19%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13280249 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 13280249 by changing the saturation by 10% instead.

 13280249

 13280249

16777215

 11438300

 16767743

 9662400

 16775167

 7886501

 6176394

 4466544

 2822488

 1245248

 553

 275

13280249

13280249

12356345

14204153

11497977

15062521

10574073

15986425

9715705

16777209

8791801

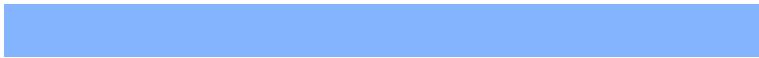
7868153

7405817

Harmonies

Analogous

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



8762623



13280249



16159956

Triad

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



13280249



15312481



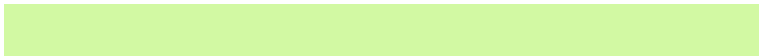
52161

Complementary

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



13280249



13826467

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.



5556627



13280249



12760666

Square

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



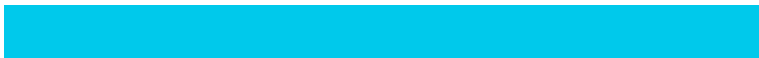
13280249



16750462



9618029



51691

Rectangle

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



13280249



16748471



9618029



52145

Sweetspot

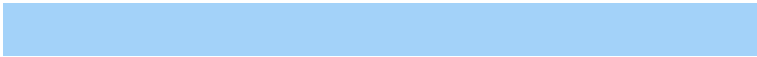
The Sweet Spot groups the original color and five complimentary colors.



13280249



15853311



10736377



7827584



0



8421504

Same Dimension

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



13280249



13014783



16098297



7762045



5636285



1835069

Inverse Universe

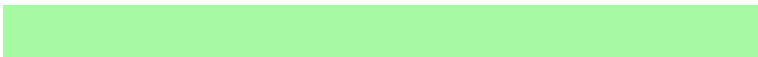
The Inverse Universe completely reimagines the original color for something new.



16360402



16750288



11008419



8220791



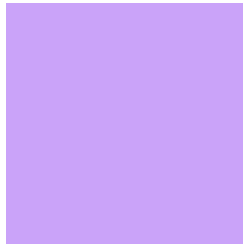
12386407



3997729

Previews

White Background



This preview shows how the Decimal color 13280249 looks on a white background.

Color Contrast Check

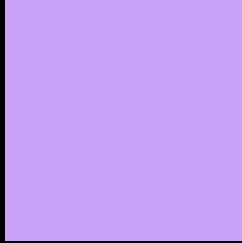
Large Text (above 18pt) WCAG AA × Fail

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 13280249 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 13280249 Background



This preview shows how black text looks on a background with the Decimal color 13280249.

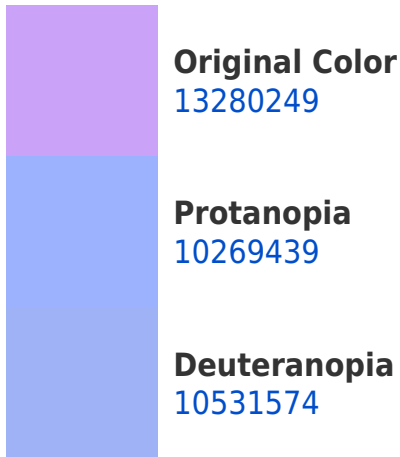


This preview shows how white text looks on a background with the Decimal color 13280249.

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
12627901

Trichromacy



Original Color
13280249



Protanomaly
11382269



Deuteranomaly
11513335



Tritanomaly
12889043

Monochromacy



Original Color
13280249



Achromatopsia
12105912



Achromatomaly
12562640

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13280249 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 #CAA3F9 looks like.

```
.text, #text, p{
  color:#CAA3F9
}
```

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 #CAA3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA3F9
}
```

Border

The CSS property to change the border of an element to Decimal 13280249 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
#CAA3F9 }
```

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

```
.border{ border-color:#CAA3F9 }
```

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

Here you see how a box with a 4 pixel #CAA3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA3F9; -webkit-box-shadow:4px 4px  
4px 4px #CAA3F9; box-shadow:4px 4px 4px  
4px #CAA3F9 }
```

Background

The CSS property to change the background color of an element to Decimal 13280249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA3F9 }
```

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

```
.background{ background-color:#CAA3F9 }
```

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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