

Converting Colors

Decimal(12768249)

Have a look what the booklet for
Decimal(12768249) contains.

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Color

Decimal(12768249)

Conversions

Conversions Part 1

Format	Color
Hex	C2D3F9
RGB	194, 211, 249
RGB Percent	76%, 83%, 98%
CMY	0.2392, 0.1725, 0.0235
CMYK	0.22, 0.15, 0.00, 0.02
HSL	221°, 82%, 87%
HSV	221°, 22%, 98%
XYZ	62.6413, 64.8974, 98.8474
YIQ	210.2490, -22.3300, 8.2140

Conversions

Conversions Part 2

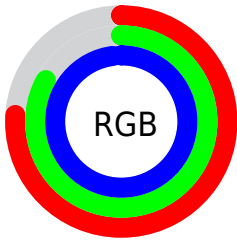
Format	Color
RYB	194, 207, 249
Decimal	12768249
CIELab	84.43, 2.23, -20.50
CIElCh	84, 20.621, 276.209
Yxy	64.8974, 0.2767, 0.2867
Android (android.graphics.Color)	4290958329 (0xFFC2D3F9)
YUV	210.2490, 19.1042, -14.2504
Hunter-Lab	80.5589, -2.1795, -16.3588

Details

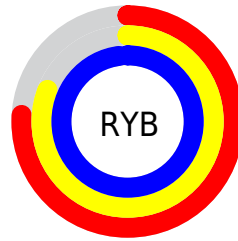
The Decimal color **12768249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16378050**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16515071**, and **9215424** is the 20% darker color. If you saturate the color by 10%, you get **11125497**, and if you desaturate by 10%, it is **14411001**.

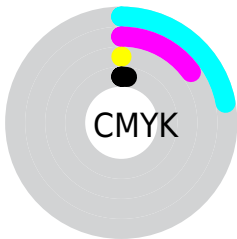
Distribution



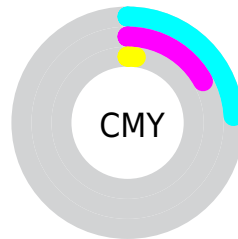
- Red (76%)
- Green (83%)
- Blue (98%)



- Red (76%)
- Yellow (81%)
- Blue (98%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12768249 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 12768249 by changing the saturation by 10% instead.

 12768249	 12768249
16777215	 10926044
 16515071	 9215424
	 7439269
	 5794187
	 4149617
	 2571097
	 927041
	 4139
	 278

■ 12768249

■ 12768249

■ 11125497

■ 14411001

■ 9482745

■ 16053753

■ 7839737

■ 16777209

■ 6196985

■ 4619769

■ 2977017

■ 1334265

■ 19961

Harmonies

Analogous

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



11262454



12768249



14404850

Triad

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



12768249



16435133



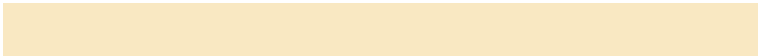
11722178

Complementary

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



12768249



16378050

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.



13162931



12768249



15781040

Square

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



12768249



16434639



14603180



10739414

Rectangle

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



12768249



15387113



14603180



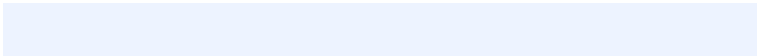
12180413

Sweetspot

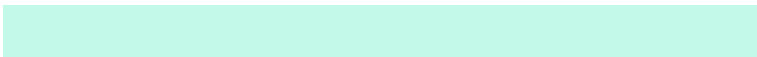
The Sweet Spot groups the original color and five complimentary colors.



12768249



15594495



12777960



7698560



0



8421504

Same Dimension

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



12768249



12242943



13419257



7369853



15037



4925

Inverse Universe

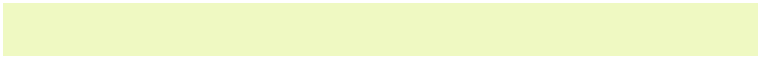
The Inverse Universe completely reimagines the original color for something new.



16368339



16759503



15727042



8220788



12386362



3997715

Previews

White Background



This preview shows how the Decimal color 12768249 looks on a white background.

Color Contrast Check

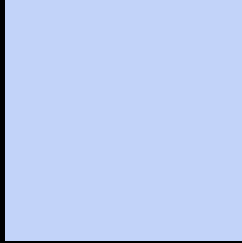
Large Text (above 18pt) WCAG AA × Fail

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 12768249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

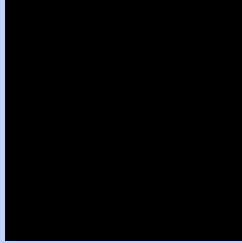
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

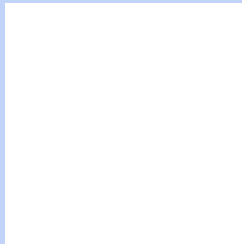
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12768249 Background



This preview shows how black text looks on a background with the Decimal color 12768249.



This preview shows how white text looks on a background with the Decimal color 12768249.

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](#).

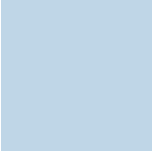
Dichromacy



Original Color
12768249

Protanopia
13357559

Deuteranopia
13881082



Tritanopia
12572391

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12768249 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 #C2D3F9 looks like.

```
.text, #text, p{  
    color:#C2D3F9  
}
```

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 #C2D3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D3F9
}
```

Border

The CSS property to change the border of an element to Decimal 12768249 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
#C2D3F9 }
```

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

```
.border{ border-color:#C2D3F9 }
```

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

Here you see how a box with a 4 pixel #C2D3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D3F9; -webkit-box-shadow:4px 4px  
4px 4px #C2D3F9; box-shadow:4px 4px 4px  
4px #C2D3F9 }
```

Background

The CSS property to change the background color of an element to Decimal 12768249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D3F9 }
```

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

```
.background{ background-color:#C2D3F9 }
```

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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