

Converting Colors

Decimal(12734939)

Have a look what the booklet for
Decimal(12734939) contains.

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Color

Decimal(12734939)

Conversions

Conversions Part 1

Format	Color
Hex	C251DB
RGB	194, 81, 219
RGB Percent	76%, 32%, 86%
CMY	0.2392, 0.6824, 0.1412
CMYK	0.11, 0.63, 0.00, 0.14
HSL	289°, 66%, 59%
HSV	289°, 63%, 86%
XYZ	37.9767, 22.4687, 69.3531
YIQ	130.5190, 23.0500, 66.8740

Conversions

Conversions Part 2

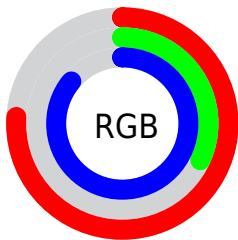
Format	Color
RYB	194, 81, 219
Decimal	12734939
CIELab	54.52, 64.30, -50.49
CIELCh	55, 81.755, 321.858
Yxy	22.4687, 0.2926, 0.1731
Android (android.graphics.Color)	4290925019 (0xFFC251DB)
YUV	130.5190, 43.6211, 55.6728
Hunter-Lab	47.4011, 60.0583, -53.5671

Details

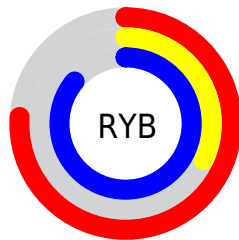
The Decimal color **12734939** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **7002961**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16615935**, and **8982179** is the 20% darker color. If you saturate the color by 10%, you get **12467163**, and if you desaturate by 10%, it is **13002715**.

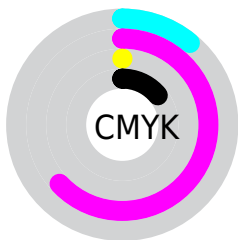
Distribution



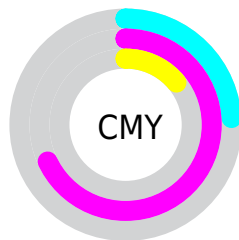
- Red (76%)
- Green (32%)
- Blue (86%)



- Red (76%)
- Yellow (32%)
- Blue (86%)



- Cyan (11%)
- Magenta (63%)
- Yellow (0%)
- Black (14%)




















- Cyan (24%)
- Magenta (68%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12734939 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 12734939 by changing the saturation by 10% instead.

 12734939	 12734939
 16777215	 10826943
 16615935	 8982179
 16754175	 7143560
 16761599	 5308526
 16769023	 3539029
 16776447	 1703997
	 806
	 271
	 0

 12734939

 12734939

 12467163

 13002715

 12199387

 13270491

 11931611

 13538267

 11731163

 13806043

 14073819

 14341339

 14609115

 14876635

 15138779

Harmonies

Analogous

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



4290815



12734939



15933593

Triad

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



12734939



11434240



41141

Complementary

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



12734939



7002961

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.



40812



12734939



7179776

Square

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



12734939



14636800



39452



40434

Rectangle

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



12734939



16522090



39452



41118

Sweetspot

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



12734939



16175103



5335771



8020608



0



8421504

Same Dimension

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



12734939



14433791



14373295



7103342



9306285



2490414

Inverse Universe

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



14373226



16727392



5364605



7234405



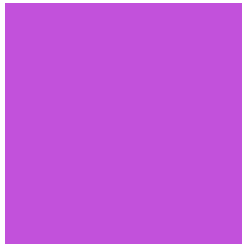
11337759



3014664

Previews

White Background



This preview shows how the Decimal color 12734939 looks on a white background.

Color Contrast Check

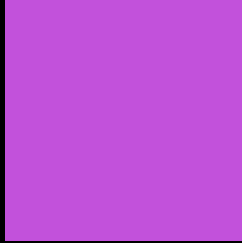
Large Text (above 18pt) WCAG AA ✓ Pass

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 12734939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

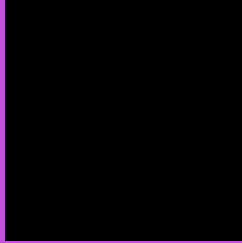
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 12734939 Background



This preview shows how black text looks on a background with the Decimal color 12734939.



This preview shows how white text looks on a background with the Decimal color 12734939.

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
11825015

Trichromacy



Original Color
12734939



Protanomaly
6844146



Deuteranomaly
8155605



Tritanomaly
12149915

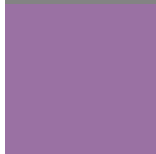
Monochromacy



Original Color
12734939



Achromatopsia
8618883



Achromatomaly
10121635

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12734939 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 #C251DB looks like.

```
.text, #text, p{  
    color:#C251DB  
}
```

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 #C251DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C251DB
}
```

Border

The CSS property to change the border of an element to Decimal 12734939 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".

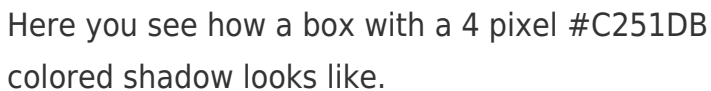
```
.border, #border, table{ border:4px solid
#C251DB }
```

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

```
.border{ border-color:#C251DB }
```

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

Here you see how a box with a 4 pixel #C251DB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C251DB; -webkit-box-shadow:4px 4px  
4px 4px #C251DB; box-shadow:4px 4px 4px  
4px #C251DB }
```

Background

The CSS property to change the background color of an element to Decimal 12734939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C251DB }
```

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

```
.background{ background-color:#C251DB }
```

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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