

Converting Colors

Decimal(12947420)

Have a look what the booklet for
Decimal(12947420) contains.

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Color

Decimal(12947420)

Conversions

Conversions Part 1

Format	Color
Hex	C58FDC
RGB	197, 143, 220
RGB Percent	77%, 56%, 86%
CMY	0.2275, 0.4392, 0.1373
CMYK	0.10, 0.35, 0.00, 0.14
HSL	282°, 52%, 71%
HSV	282°, 35%, 86%
XYZ	45.7667, 36.6825, 72.3784
YIQ	167.9240, 7.4670, 35.3950

Conversions

Conversions Part 2

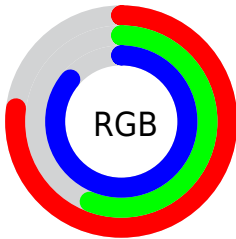
Format	Color
RYB	197, 143, 220
Decimal	12947420
CIELab	67.04, 33.98, -31.38
CIELCh	67, 46.248, 317.276
Yxy	36.6825, 0.2956, 0.2369
Android (android.graphics.Color)	4291137500 (0xFFC58FDC)
YUV	167.9240, 25.6735, 25.4997
Hunter-Lab	60.5661, 28.8925, -28.4571

Details

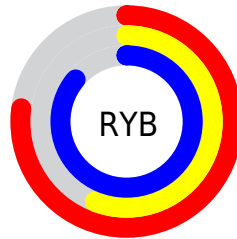
The Decimal color **12947420** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10935439**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16762367**, and **9329829** is the 20% darker color. If you saturate the color by 10%, you get **12483036**, and if you desaturate by 10%, it is **13411804**.

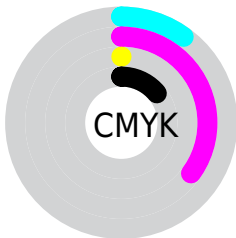
Distribution



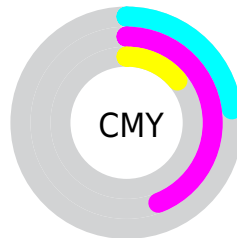
- Red (77%)
- Green (56%)
- Blue (86%)



- Red (77%)
- Yellow (56%)
- Blue (86%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12947420 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 12947420 by changing the saturation by 10% instead.

 12947420

 12947420

16777215

 11105728

 16762367

 9329829

 16769791

 7619466

 5909360

 4265048

 2687040

 1179690

 275

 0

 12947420


 12947420

 12483036

 13411804

 12084188

 13810652

 11619804

 14275036

 11220956

 14673884

 10756572

 15138268

 10357724

 15531996

 10092764

 15990748

 16449500

 16777180

Harmonies

Analogous

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



9084915



12947420



15238071

Triad

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



12947420



13409105



47546

Complementary

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



12947420



10935439

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.



3258255



12947420



10856529

Square

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



12947420



15174760



7713385



46559

Rectangle

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



12947420



15827099



7713385



47532

Sweetspot

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



12947420



16245759



9414364



8089472



0



8421504

Same Dimension

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



12947420



14652671



14454733



6972270



7995565



2097198

Inverse Universe

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



14454694



16749748



9428126



7234406



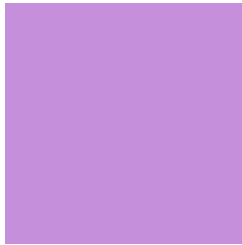
11337780



3014670

Previews

White Background



This preview shows how the Decimal color 12947420 looks on a white background.

Color Contrast Check

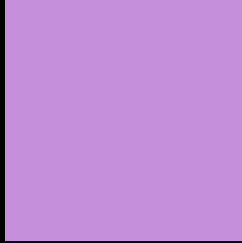
Large Text (above 18pt) WCAG AA × Fail

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 12947420 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 12947420 Background



This preview shows how black text looks on a background with the Decimal color 12947420.




This preview shows how white text looks on a background with the Decimal color 12947420.

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
12425894

Trichromacy



Original Color
12947420



Protanomaly
10590949



Deuteranomaly
10984154



Tritanomaly
12621498

Monochromacy



Original Color
12947420



Achromatopsia
11053224



Achromatomaly
11771835

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12947420 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 #C58FDC looks like.

```
.text, #text, p{  
  color:#C58FDC  
}
```

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 #C58FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58FDC
}
```

Border

The CSS property to change the border of an element to Decimal 12947420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

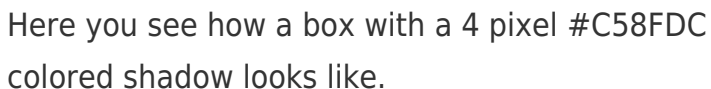
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C58FDC }
```

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

```
.border{ border-color:#C58FDC }
```

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



Here you see how a box with a 4 pixel `#C58FDC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58FDC; -webkit-box-shadow:4px 4px  
4px 4px #C58FDC; box-shadow:4px 4px 4px  
4px #C58FDC }
```

Background

The CSS property to change the background color of an element to Decimal 12947420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58FDC }
```

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

```
.background{ background-color:#C58FDC }
```

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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