

Converting Colors

Decimal(12688627)

Have a look what the booklet for
Decimal(12688627) contains.

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Color

Decimal(12688627)

Conversions

Conversions Part 1

Format	Color
Hex	C19CF3
RGB	193, 156, 243
RGB Percent	76%, 61%, 95%
CMY	0.2431, 0.3882, 0.0471
CMYK	0.21, 0.36, 0.00, 0.05
HSL	266°, 78%, 78%
HSV	266°, 36%, 95%
XYZ	50.0584, 41.5855, 90.1824
YIQ	176.9810, -5.8750, 34.9010

Conversions

Conversions Part 2

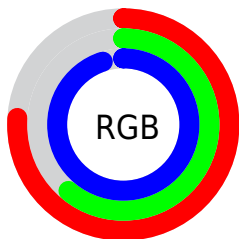
Format	Color
RYB	193, 156, 243
Decimal	12688627
CIELab	70.58, 30.58, -38.54
CIElCh	71, 49.197, 308.427
Yxy	41.5855, 0.2753, 0.2287
Android (android.graphics.Color)	4290878707 (0xFFC19CF3)
YUV	176.9810, 32.5474, 14.0487
Hunter-Lab	64.4868, 25.7104, -37.7742

Details

The Decimal color **12688627** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13562780**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16503807**, and **9070778** is the 20% darker color. If you saturate the color by 10%, you get **11764979**, and if you desaturate by 10%, it is **13612275**.

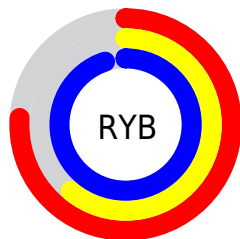
Distribution



Red (76%)

Green (61%)

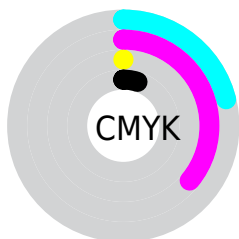
Blue (95%)



Red (76%)

Yellow (61%)

Blue (95%)

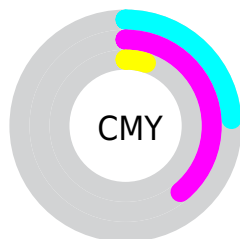


Cyan (21%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (24%)














Magenta (39%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12688627 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 12688627 by changing the saturation by 10% instead.

 12688627	 12688627
16777215	 10846934
 16503807	 9070778
 16773119	 7295135
	 5585029
	 3940971
	 2231122
	 983099
	 548
	 12

■ 12688627

■ 12688627

■ 11764979

■ 13612275

■ 10841075

■ 14536179

■ 9917427

■ 15459827

■ 8993779

■ 16383475

■ 8070131

■ 16777203

■ 7146227

■ 6750451

Harmonies

Analogous

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



7974399



12688627



15633871

Triad

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



12688627



14851929



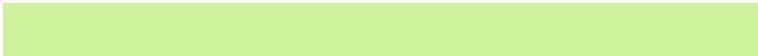
50360

Complementary

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



12688627



13562780

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.



5030282



12688627



12299857

Square

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



12688627



16486263



9157220



49891

Rectangle

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



12688627



16615345



9157220



50089

Sweetspot

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



12688627



15721471



10276851



7761792



0



8421504

Same Dimension

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



12688627



12620287



15506675



7564922



5177530



1638459

Inverse Universe

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



15965390



16749008



10744732



8023669



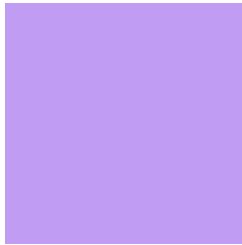
12189803



3866658

Previews

White Background



This preview shows how the Decimal color 12688627 looks on a white background.

Color Contrast Check

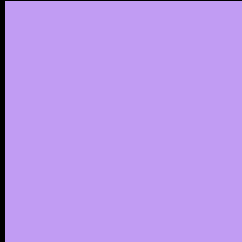
Large Text (above 18pt) WCAG AA × Fail

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 12688627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

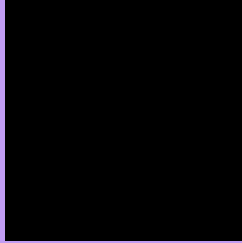
Any Text WCAG AA ✓ Pass

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 12688627 Background



This preview shows how black text looks on a background with the Decimal color 12688627.



This preview shows how white text looks on a background with the Decimal color 12688627.

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
11970998

Trichromacy



Original Color
12688627



Protanomaly
10659322



Deuteranomaly
10921713



Tritanomaly
12231884

Monochromacy



Original Color
12688627



Achromatopsia
11645361



Achromatomaly
12036553

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12688627 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 #C19CF3 looks like.

```
.text, #text, p{  
  color:#C19CF3  
}
```

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 #C19CF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19CF3
}
```

Border

The CSS property to change the border of an element to Decimal 12688627 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
#C19CF3 }
```

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

```
.border{ border-color:#C19CF3 }
```

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

Here you see how a box with a 4 pixel #C19CF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19CF3; -webkit-box-shadow:4px 4px  
4px 4px #C19CF3; box-shadow:4px 4px 4px  
4px #C19CF3 }
```

Background

The CSS property to change the background color of an element to Decimal 12688627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19CF3 }
```

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

```
.background{ background-color:#C19CF3 }
```

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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