

Converting Colors

Decimal(12090879)

Have a look what the booklet for
Decimal(12090879) contains.

Decimal(12090879)	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(12090879)

Conversions

Conversions Part 1

Format	Color
Hex	B87DFF
RGB	184, 125, 255
RGB Percent	72%, 49%, 100%
CMY	0.2784, 0.5098, 0.0000
CMYK	0.28, 0.51, 0.00, 0.00
HSL	267°, 100%, 75%
HSV	267°, 51%, 100%
XYZ	45.1508, 32.0776, 98.4196
YIQ	157.4610, -6.5660, 52.9380

Conversions

Conversions Part 2

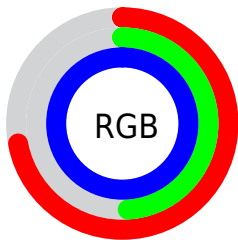
Format	Color
RYB	184, 125, 255
Decimal	12090879
CIELab	63.41, 47.86, -56.47
CIELCh	63, 74.023, 310.284
Yxy	32.0776, 0.2571, 0.1826
Android (android.graphics.Color)	4290280959 (0xFFB87DFF)
YUV	157.4610, 48.0867, 23.2747
Hunter-Lab	56.6371, 43.1844, -63.3837

Details

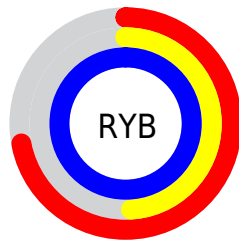
The Decimal color **12090879** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **12910461**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **15971327**, and **8342214** is the 20% darker color. If you saturate the color by 10%, you get **11166975**, and if you desaturate by 10%, it is **13015039**.

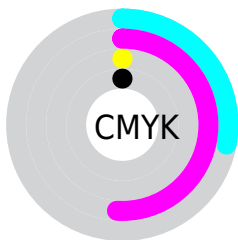
Distribution



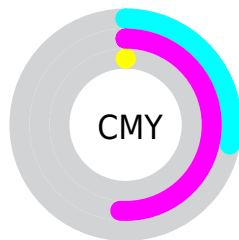
- Red (72%)
- Green (49%)
- Blue (100%)



- Red (72%)
- Yellow (49%)
- Blue (100%)



- Cyan (28%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12090879 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 12090879 by changing the saturation by 10% instead.

 12090879

 12090879

16777215

 10183650

 15971327

 8342214

 16764927

 6500778

 16772351

 4659087

 2687092

 196699


 67

 811

 278

 12090879

 12090879

 11166975

 13015039

 10242815

 13938943

 9318911

 14863103

 8394751

 15787007

 7602431

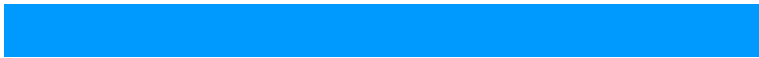
 16711167

 16777215

Harmonies

Analogous

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



39679



12090879



16276936

Triad

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



12090879



14386688



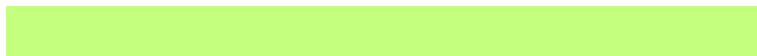
47279

Complementary

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



12090879



12910461

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.



46442



12090879



10722816

Square

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



12090879



16738375



5877031



46830

Rectangle

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



12090879



16732828



5877031



47000

Sweetspot

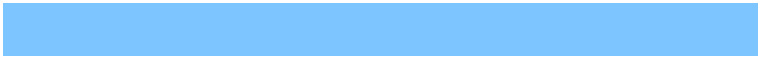
The Sweet Spot groups the original color and five complimentary colors.



12090879



15391231



8242687



7563648



0



8421504

Same Dimension

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



12090879



11166719



16285183



7959424



5701823



1900608

Inverse Universe

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



16743876



16737208



8716157



8418170



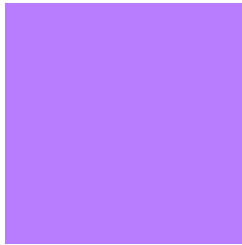
12517480



4194339

Previews

White Background



This preview shows how the Decimal color 12090879 looks on a white background.

Color Contrast Check

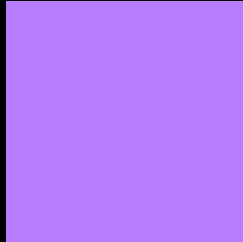
Large Text (above 18pt) WCAG AA × Fail

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 12090879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

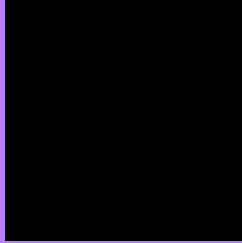
Any Text WCAG AA ✓ Pass

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 12090879 Background



This preview shows how black text looks on a background with the Decimal color 12090879.




This preview shows how white text looks on a background with the Decimal color 12090879.

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



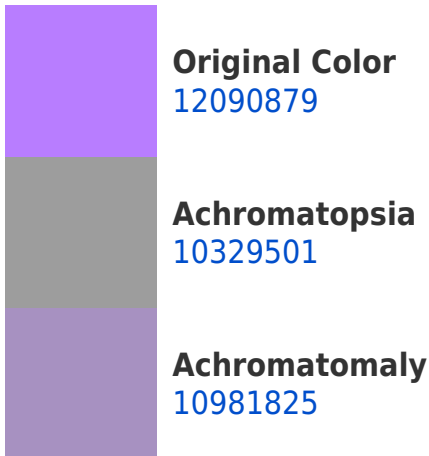


Tritanopia
10982560

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12090879 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 #B87DFF looks like.

```
.text, #text, p{  
    color:#B87DFF  
}
```

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 #B87DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87DFF
}
```

Border

The CSS property to change the border of an element to Decimal 12090879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

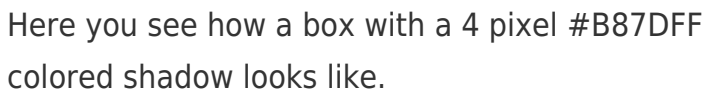
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B87DFF }
```

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

```
.border{ border-color:#B87DFF }
```

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



Here you see how a box with a 4 pixel #B87DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87DFF; -webkit-box-shadow:4px 4px  
4px 4px #B87DFF; box-shadow:4px 4px 4px  
4px #B87DFF }
```

Background

The CSS property to change the background color of an element to Decimal 12090879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87DFF }
```

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

```
.background{ background-color:#B87DFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor