

Converting Colors

Decimal(12088575)

Have a look what the booklet for
Decimal(12088575) contains.

Decimal(12088575)	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(12088575)

Conversions

Conversions Part 1

Format	Color
Hex	B874FF
RGB	184, 116, 255
RGB Percent	72%, 45%, 100%
CMY	0.2784, 0.5451, 0.0000
CMYK	0.28, 0.55, 0.00, 0.00
HSL	269°, 100%, 73%
HSV	269°, 55%, 100%
XYZ	44.0626, 29.9011, 98.0569
YIQ	152.1780, -4.0910, 57.6450

Conversions

Conversions Part 2

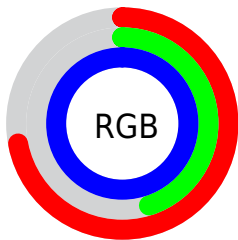
Format	Color
RYB	184, 116, 255
Decimal	12088575
CIELab	61.57, 52.62, -59.40
CIELCh	62, 79.358, 311.539
Yxy	29.9011, 0.2561, 0.1738
Android (android.graphics.Color)	4290278655 (0xFFB874FF)
YUV	152.1780, 50.6912, 27.9079
Hunter-Lab	54.6819, 48.1415, -68.0428

Details

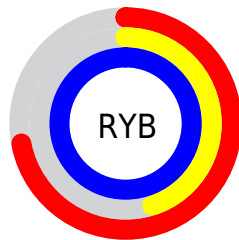
The Decimal color **12088575** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **12320628**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **15969023**, and **8339653** is the 20% darker color. If you saturate the color by 10%, you get **11229951**, and if you desaturate by 10%, it is **12947199**.

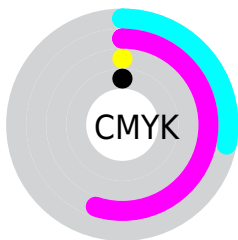
Distribution



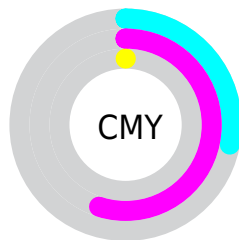
- Red (72%)
- Green (45%)
- Blue (100%)



- Red (72%)
- Yellow (45%)
- Blue (100%)



- Cyan (28%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12088575 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 12088575 by changing the saturation by 10% instead.

 12088575

 12088575

16777215

 10181346

 15969023

 8339653

 16762623

 6497962

 16770047

 4589199

 2556020

 131163

 66

 811

 277

■ 12088575

■ 12088575

■ 11229951

■ 12947199

■ 10371583

■ 13805567

■ 9512959

■ 14664191

■ 8654591

■ 15522559

■ 8192255

■ 16380927

16777215

Harmonies

Analogous

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



38143



12088575



16469699

Triad

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



12088575



14057728



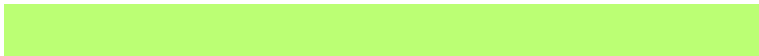
46255

Complementary

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



12088575



12320628

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.



45413



12088575



10131968

Square

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



12088575



16736058



4696341



45809

Rectangle

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



12088575



16728468



4696341



45974

Sweetspot

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



12088575



15390463



7650559



7563136



0



8421504

Same Dimension

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



12088575



11164159



16610559



7959424



6160575



2031680

Inverse Universe

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



16741563



16734638



7798644



8418169



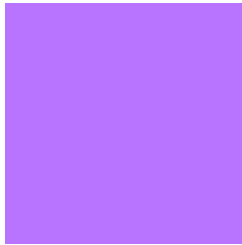
12517474



4194337

Previews

White Background



This preview shows how the Decimal color 12088575 looks on a white background.

Color Contrast Check

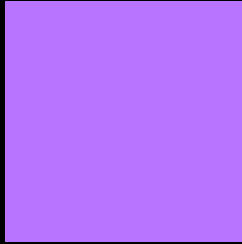
Large Text (above 18pt) WCAG AA ✓ Pass

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 12088575 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 12088575 Background



This preview shows how black text looks on a background with the Decimal color 12088575.




This preview shows how white text looks on a background with the Decimal color 12088575.

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



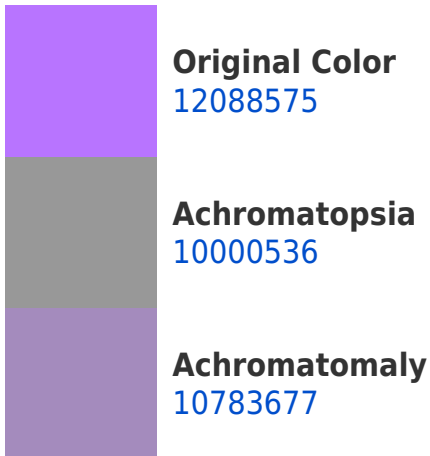


Tritanopia
10915481

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12088575 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 #B874FF looks like.

```
.text, #text, p{  
    color:#B874FF  
}
```

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 #B874FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B874FF
}
```

Border

The CSS property to change the border of an element to Decimal 12088575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

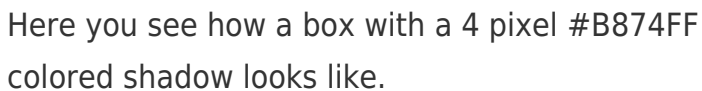
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B874FF }
```

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

```
.border{ border-color:#B874FF }
```

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



Here you see how a box with a 4 pixel #B874FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B874FF; -webkit-box-shadow:4px 4px  
4px 4px #B874FF; box-shadow:4px 4px 4px  
4px #B874FF }
```

Background

The CSS property to change the background color of an element to Decimal 12088575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B874FF }
```

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

```
.background{ background-color:#B874FF }
```

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