

Converting Colors

Decimal(11887858)

Have a look what the booklet for
Decimal(11887858) contains.

Decimal(11887858)	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(11887858)

Conversions

Conversions Part 1

Format	Color
Hex	B564F2
RGB	181, 100, 242
RGB Percent	71%, 39%, 95%
CMY	0.2902, 0.6078, 0.0510
CMYK	0.25, 0.59, 0.00, 0.05
HSL	274°, 85%, 67%
HSV	274°, 59%, 95%
XYZ	39.6402, 25.3489, 86.8080
YIQ	140.4070, 2.6940, 61.3340

Conversions

Conversions Part 2

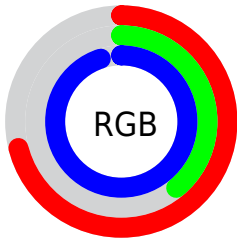
Format	Color
R _Y B	181, 100, 242
Decimal	11887858
CIE _{Lab}	57.41, 57.13, -58.88
CIE _{LCh}	57, 82.037, 314.137
Yxy	25.3489, 0.2611, 0.1670
Android (android.graphics.Color)	4290077938 (0xFFB564F2)
YUV	140.4070, 50.0853, 35.6001
Hunter-Lab	50.3477, 52.4299, -66.9826

Details

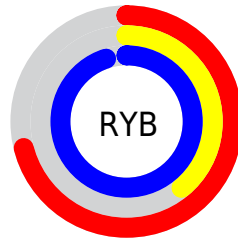
The Decimal color **11887858** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **10613348**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **15768319**, and **8138425** is the 20% darker color. If you saturate the color by 10%, you get **11226354**, and if you desaturate by 10%, it is **12549362**.

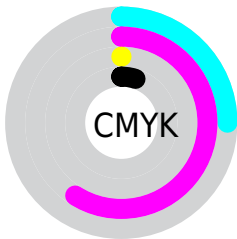
Distribution



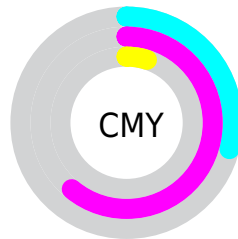
- Red (71%)
- Green (39%)
- Blue (95%)



- Red (71%)
- Yellow (39%)
- Blue (95%)



- Cyan (25%)
- Magenta (59%)
- Yellow (0%)
- Black (5%)


















- Cyan (29%)
- Magenta (61%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11887858 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 11887858 by changing the saturation by 10% instead.

 11887858	 11887858
16777215	 9980373
 15768319	 8138425
 16758527	 6295197
 16765695	 4391043
 16773119	 2424937
	 80
	 824
	 545
	 7

■ 11887858

■ 11887858

■ 11226354

■ 12549362

■ 10499314

■ 13276402

■ 9837554

■ 13938162

■ 9110514

■ 14665202

■ 9044210

■ 15326706

■ 15988210

■ 16711666

■ 16777202

Harmonies

Analogous

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



35071



11887858



16005299

Triad

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



11887858



13006848



43435

Complementary

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



11887858



10613348

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.



42592



11887858



8950016

Square

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



11887858



15881253



2465537



42989

Rectangle

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



11887858



16721795



2465537



43154

Sweetspot

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



11887858



15454719



6595314



7562112



0



8421504

Same Dimension

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



11887858



11685375



15885545



7564408



6881464



2097208

Inverse Universe

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



15885473



16731545



6615661



7892081



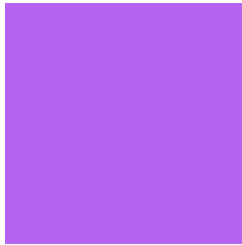
12058703



3670040

Previews

White Background



This preview shows how the Decimal color 11887858 looks on a white background.

Color Contrast Check

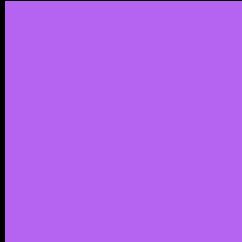
Large Text (above 18pt) WCAG AA ✓ Pass

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 11887858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

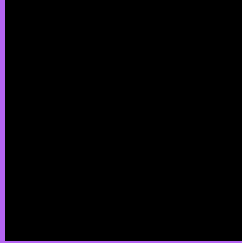
Any Text WCAG AA ✓ Pass

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 11887858 Background



This preview shows how black text looks on a background with the Decimal color 11887858.



This preview shows how white text looks on a background with the Decimal color 11887858.

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
10715274

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11887858 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 #B564F2 looks like.

```
.text, #text, p{  
    color:#B564F2  
}
```

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 #B564F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B564F2
}
```

Border

The CSS property to change the border of an element to Decimal 11887858 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".

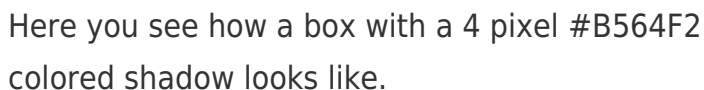
```
.border, #border, table{ border:4px solid
#B564F2 }
```

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

```
.border{ border-color:#B564F2 }
```

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

Here you see how a box with a 4 pixel #B564F2 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B564F2; -webkit-box-shadow:4px 4px  
4px 4px #B564F2; box-shadow:4px 4px 4px  
4px #B564F2 }
```

Background

The CSS property to change the background color of an element to Decimal 11887858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B564F2 }
```

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

```
.background{ background-color:#B564F2 }
```

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