

Converting Colors

Decimal(11817202)

Have a look what the booklet for
Decimal(11817202) contains.

Decimal(11817202)	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(11817202)

Conversions

Conversions Part 1

Format	Color
Hex	B450F2
RGB	180, 80, 242
RGB Percent	71%, 31%, 95%
CMY	0.2941, 0.6863, 0.0510
CMYK	0.26, 0.67, 0.00, 0.05
HSL	277°, 86%, 63%
HSV	277°, 67%, 95%
XYZ	37.7181, 21.8514, 86.2342
YIQ	128.3680, 7.5980, 71.5820

Conversions

Conversions Part 2

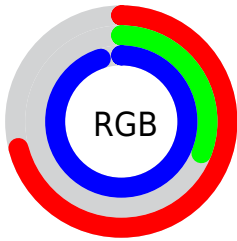
Format	Color
RYB	180, 80, 242
Decimal	11817202
CIELab	53.87, 66.27, -64.58
CIELCh	54, 92.531, 315.741
Yxy	21.8514, 0.2587, 0.1499
Android (android.graphics.Color)	4290007282 (0xFFB450F2)
YUV	128.3680, 56.0206, 45.2813
Hunter-Lab	46.7455, 62.2236, -76.6539

Details

The Decimal color **11817202** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9368144**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **15763711**, and **7999161** is the 20% darker color. If you saturate the color by 10%, you get **11221234**, and if you desaturate by 10%, it is **12413170**.

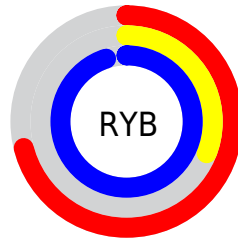
Distribution



Red (71%)

Green (31%)

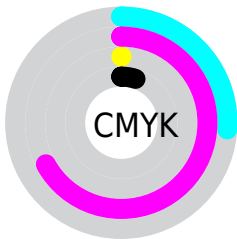
Blue (95%)



Red (71%)

Yellow (31%)

Blue (95%)

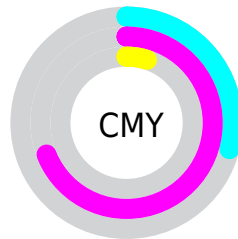


Cyan (26%)

Magenta (67%)

Yellow (0%)

Black (5%)



Cyan (29%)

















Magenta (69%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11817202 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 11817202 by changing the saturation by 10% instead.

 11817202	 11817202
16777215	 9909205
 15763711	 7999161
 16753919	 6095005
 16761087	 4128898
 16768511	 2097256
 16775935	 79
	 1335
	 545
	 6

■ 11817202

■ 11817202

■ 11221234

■ 12413170

■ 10559730

■ 13074674

■ 9963506

■ 13670898

■ 9765106

■ 14266866

■ 14862834

■ 15524338

■ 16120306

■ 16711666

■ 16777202

Harmonies

Analogous

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



32255



11817202



16253098

Triad

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



11817202



12349184



41386

Complementary

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



11817202



9368144

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.



40790



11817202



7768576

Square

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



11817202



15613696



38912



40947

Rectangle

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



11817202



16711797



38912



41359

Sweetspot

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



11817202



15453439



5279474



7627136



0



8421504

Same Dimension

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



11817202



11613183



15880415



7564408



7405752



2293816

Inverse Universe

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



15880334



16724865



5304931



7892080



12058694



3670037

Previews

White Background



This preview shows how the Decimal color 11817202 looks on a white background.

Color Contrast Check

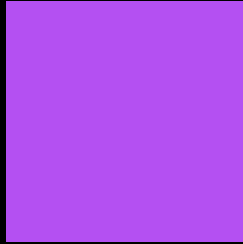
Large Text (above 18pt) WCAG AA ✓ Pass

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 11817202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

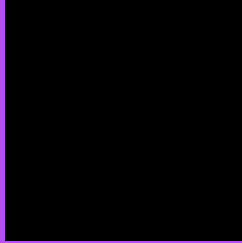
Any Text WCAG AA ✓ Pass

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 11817202 Background



This preview shows how black text looks on a background with the Decimal color 11817202.




This preview shows how white text looks on a background with the Decimal color 11817202.

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
10581374

Trichromacy



Original Color
11817202



Protanomaly
6123002



Deuteranomaly
4944108



Tritanomaly
11036840

Monochromacy



Original Color
11817202



Achromatopsia
8421504



Achromatomaly
9662377

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11817202 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 #B450F2 looks like.

```
.text, #text, p{  
    color:#B450F2  
}
```

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 #B450F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B450F2
}
```

Border

The CSS property to change the border of an element to Decimal 11817202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

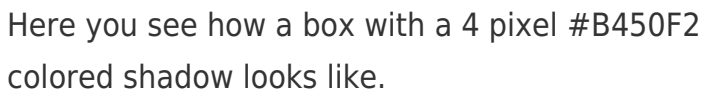
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B450F2 }
```

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

```
.border{ border-color:#B450F2 }
```

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



Here you see how a box with a 4 pixel #B450F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B450F2; -webkit-box-shadow:4px 4px  
4px 4px #B450F2; box-shadow:4px 4px 4px  
4px #B450F2 }
```

Background

The CSS property to change the background color of an element to Decimal 11817202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B450F2 }
```

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

```
.background{ background-color:#B450F2 }
```

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