

Converting Colors

Decimal(11687389)

Have a look what the booklet for
Decimal(11687389) contains.

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Color

Decimal(11687389)

Conversions

Conversions Part 1

Format	Color
Hex	B255DD
RGB	178, 85, 221
RGB Percent	70%, 33%, 87%
CMY	0.3020, 0.6667, 0.1333
CMYK	0.19, 0.62, 0.00, 0.13
HSL	281°, 67%, 60%
HSV	281°, 62%, 87%
XYZ	34.6597, 21.1824, 70.6685
YIQ	128.3110, 11.7720, 62.0120

Conversions

Conversions Part 2

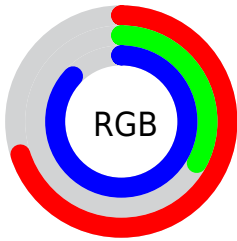
Format	Color
R _{YB}	178, 85, 221
Decimal	11687389
CIE Lab	53.15, 59.16, -53.94
CIE LCh	53, 80.061, 317.644
Yxy	21.1824, 0.2740, 0.1674
Android (android.graphics.Color)	4289877469 (0xFFB255DD)
YUV	128.3110, 45.6957, 43.5773
Hunter-Lab	46.0244, 53.8810, -58.8202

Details

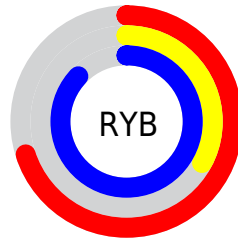
The Decimal color **11687389** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **8445269**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **15567871**, and **7936933** is the 20% darker color. If you saturate the color by 10%, you get **11223005**, and if you desaturate by 10%, it is **12151773**.

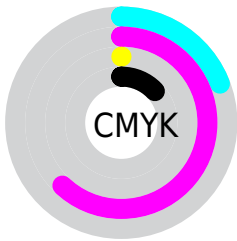
Distribution



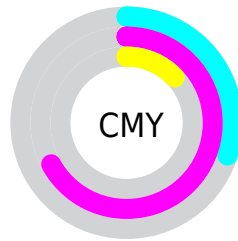
- Red (70%)
- Green (33%)
- Blue (87%)



- Red (70%)
- Yellow (33%)
- Blue (87%)



- Cyan (19%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)


















- Cyan (30%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11687389 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 11687389 by changing the saturation by 10% instead.

 11687389	 11687389
16777215	 9779905
 15567871	 7936933
 16754687	 6160522
 16761855	 4325488
 16769279	 2555991
16776959	 65599
	 808
	 273
	 0

■ 11687389

■ 11687389

■ 11223005

■ 12151773

■ 10758621

■ 12616157

■ 10294237

■ 13080541

■ 9896157

■ 13544925

■ 14009309

■ 14473949

■ 14938333

■ 15400925

■ 15859677

Harmonies

Analogous

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



31231



11687389



15279774

Triad

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



11687389



11629056



40103

Complementary

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



11687389



8445269

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.



39519



11687389



7636992

Square

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



11687389



14634771



38153



39652

Rectangle

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



11687389



16062321



38153



40079

Sweetspot

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



11687389



15782399



5603549



7824256



0



8421504

Same Dimension

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



11687389



12796671



14505412



6972270



7798957



2031662

Inverse Universe

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



14505344



16728702



5627246



7234406



11337783



3014671

Previews

White Background



This preview shows how the Decimal color 11687389 looks on a white background.

Color Contrast Check

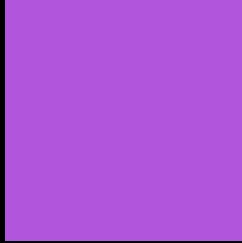
Large Text (above 18pt) WCAG AA ✓ Pass

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 11687389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

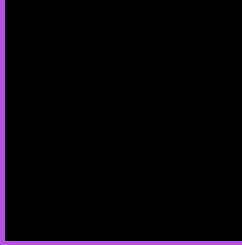
Any Text WCAG AA ✓ Pass

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 11687389 Background



This preview shows how black text looks on a background with the Decimal color 11687389.

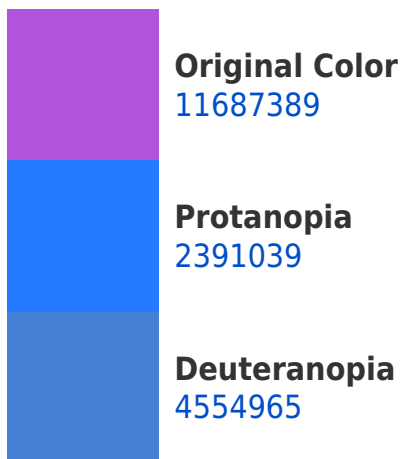


This preview shows how white text looks on a background with the Decimal color 11687389.

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



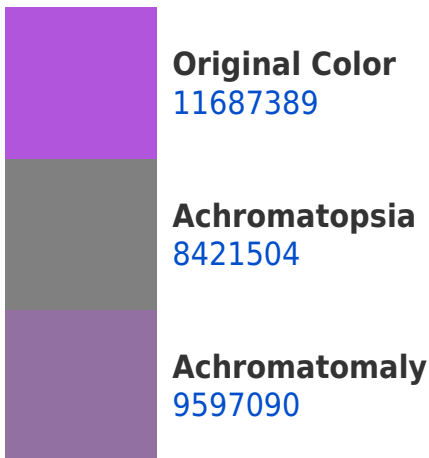


Tritanopia
10711418

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11687389 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 #B255DD looks like.

```
.text, #text, p{  
    color:#B255DD  
}
```

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 #B255DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B255DD
}
```

Border

The CSS property to change the border of an element to Decimal 11687389 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
#B255DD }
```

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

```
.border{ border-color:#B255DD }
```

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

Here you see how a box with a 4 pixel #B255DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B255DD; -webkit-box-shadow:4px 4px  
4px 4px #B255DD; box-shadow:4px 4px 4px  
4px #B255DD }
```

Background

The CSS property to change the background color of an element to Decimal 11687389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B255DD }
```

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

```
.background{ background-color:#B255DD }
```

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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