

Converting Colors

Decimal(8731307)

Have a look what the booklet for
Decimal(8731307) contains.

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Color

Decimal(8731307)

Conversions

Conversions Part 1

Format	Color
Hex	853AAB
RGB	133, 58, 171
RGB Percent	52%, 23%, 67%
CMY	0.4784, 0.7725, 0.3294
CMYK	0.22, 0.66, 0.00, 0.33
HSL	280°, 49%, 45%
HSV	280°, 66%, 67%
XYZ	18.5366, 10.9529, 39.6652
YIQ	93.3070, 8.4270, 51.0430

Conversions

Conversions Part 2

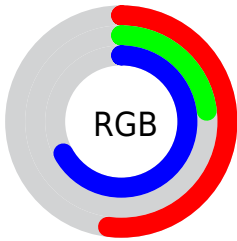
Format	Color
R_{YB}	133, 58, 171
Decimal	8731307
CIE _{Lab}	39.50, 50.73, -47.15
CIE _{LCh}	40, 69.255, 317.095
Yxy	10.9529, 0.2680, 0.1584
Android (android.graphics.Color)	4286921387 (0xFF853AAB)
YUV	93.3070, 38.3026, 34.8108
Hunter-Lab	33.0952, 42.0611, -47.8935

Details

The Decimal color **8731307** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6335290**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **12414691**, and **5177462** is the 20% darker color. If you saturate the color by 10%, you get **8333739**, and if you desaturate by 10%, it is **9128875**.

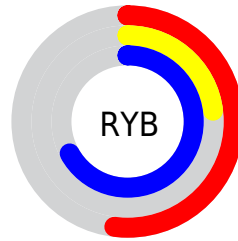
Distribution



Red (52%)

Green (23%)

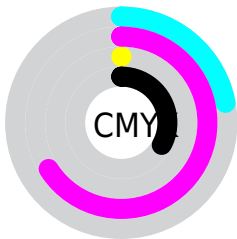
Blue (67%)



Red (52%)

Yellow (23%)

Blue (67%)

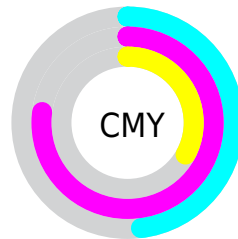


Cyan (22%)

Magenta (66%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (77%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8731307 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 8731307 by changing the saturation by 10% instead.



8731307



8731307

16777215



6954896



12414691



5177462



14322175



3407965



16229631



1966149



16761087



45



16768511



279



16775935



0



8731307



8731307



8333739



9128875

■ 7936171

■ 9526443

■ 7604139

■ 9858475

■ 7405739

■ 10256043

■ 10653611

■ 11051435

■ 11383467

■ 11781035

■ 12178603

Harmonies

Analogous

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



22987



8731307



11731576

Triad

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



8731307



8802816



29821

Complementary

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



8731307



6335290

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.



29506



8731307



5530624

Square

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



8731307



11154178



28160



29616

Rectangle

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



8731307



12386386



28160



29802

Sweetspot

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



8731307



13611486



3826347



6772080



15790320



7368816

Same Dimension

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



8731307



10694622



11221658



5525079



6553750



983063

Inverse Universe

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



11221600



14561130



3844939



5721681



9830451



1507336

Previews

White Background



This preview shows how the Decimal color 8731307 looks on a white background.

Color Contrast Check

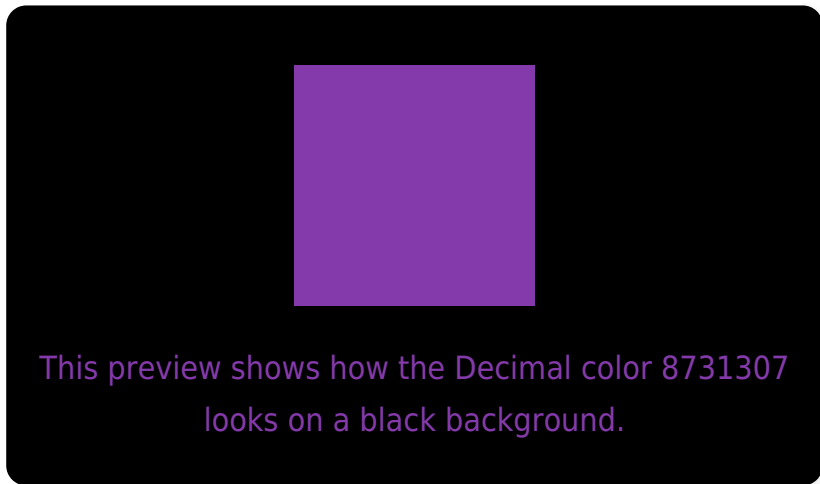
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

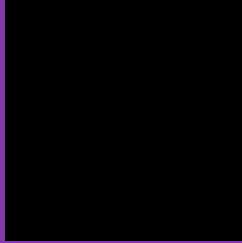
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 8731307 Background



This preview shows how black text looks on a background with the Decimal color 8731307.

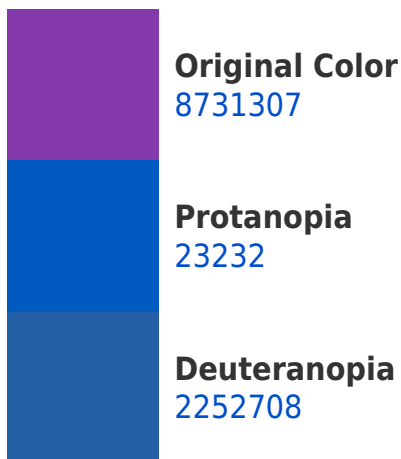


This preview shows how white text looks on a background with the Decimal color 8731307.

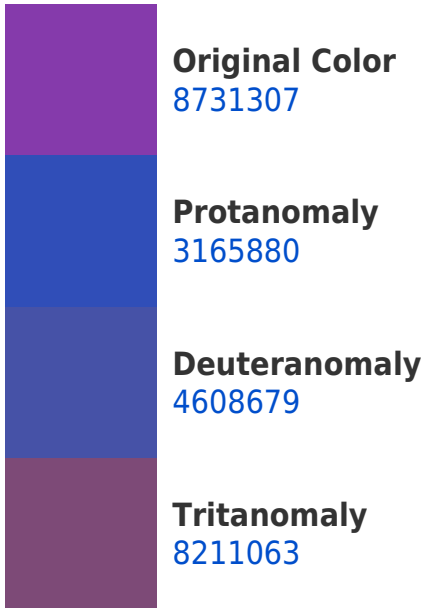
Color Blindness Simulation

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](#).

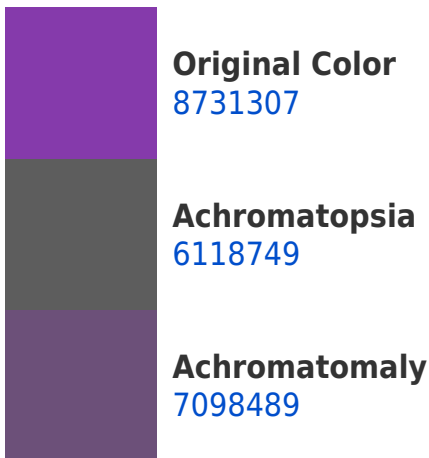
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8731307 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 #853AAB looks like.

```
.text, #text, p{  
    color:#853AAB  
}
```

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 #853AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853AAB
}
```

Border

The CSS property to change the border of an element to Decimal 8731307 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
#853AAB }
```

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

```
.border{ border-color:#853AAB }
```

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

Here you see how a box with a 4 pixel #853AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853AAB; -webkit-box-shadow:4px 4px  
4px 4px #853AAB; box-shadow:4px 4px 4px  
4px #853AAB }
```

Background

The CSS property to change the background color of an element to Decimal 8731307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853AAB }
```

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

```
.background{ background-color:#853AAB }
```

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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