

Converting Colors

Decimal(8400000)

Have a look what the booklet for
Decimal(8400000) contains.

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Color

Decimal(8400000)

Conversions

Conversions Part 1

Format	Color
Hex	802C80
RGB	128, 44, 128
RGB Percent	50%, 17%, 50%
CMY	0.4980, 0.8275, 0.4980
CMYK	0.00, 0.66, 0.00, 0.50
HSL	300°, 49%, 34%
HSV	300°, 66%, 50%
XYZ	13.6991, 7.9491, 21.2344
YIQ	78.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

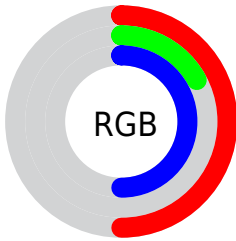
Format	Color
R_{YB}	128, 44, 128
Decimal	8400000
CIE _{Lab}	33.88, 47.17, -29.99
CIE _{LCh}	34, 55.893, 327.553
Yxy	7.9491, 0.3195, 0.1854
Android (android.graphics.Color)	4286590080 (0xFF802C80)
YUV	78.6920, 24.3088, 43.2431
Hunter-Lab	28.1941, 37.3906, -24.9184

Details

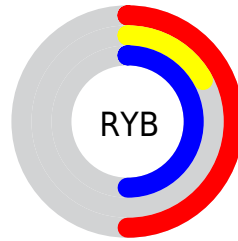
The Decimal color **8400000** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2916396**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **12017845**, and **4915278** is the 20% darker color. If you saturate the color by 10%, you get **8396672**, and if you desaturate by 10%, it is **8403328**.

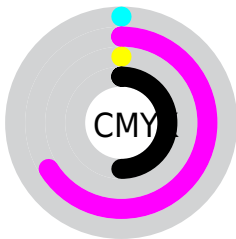
Distribution



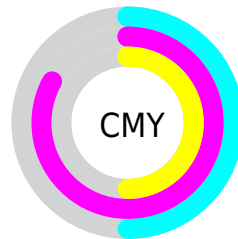
- Red (50%)
- Green (17%)
- Blue (50%)



- Red (50%)
- Yellow (17%)
- Blue (50%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8400000 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 8400000 by changing the saturation by 10% instead.

 8400000

 8400000

16777215

 6622567

 12017845

 4915278

 13925329

 3342391

 15832813

 1572897

 16757247

 5

 16764415

 0

 16771839

 8400000

 8400000

 8396672

 8403328

■ 8393344

■ 8406656

■ 8390272

■ 8409728

■ 8388736

■ 8413056

■ 8416384

■ 8419712

■ 8423040

■ 8426112

■ 8429440

Harmonies

Analogous

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



4277663



8400000



10031957

Triad

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



8400000



6638848



25464

Complementary

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



840000



2916396

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.



25163



840000



3758336

Square

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



8400000



8730880



24347



24731

Rectangle

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



8400000



10229560



24347



25449

Sweetspot

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



8400000



10913190



2894976



5521492



13948116



5526612

Same Dimension

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



8400000



10888102



8399958



4208960



8388736



0

Inverse Universe

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



8400000



10888102



2916438



4208960



8388736



0

Previews

White Background



This preview shows how the Decimal color 8400000 looks on a white background.

Color Contrast Check

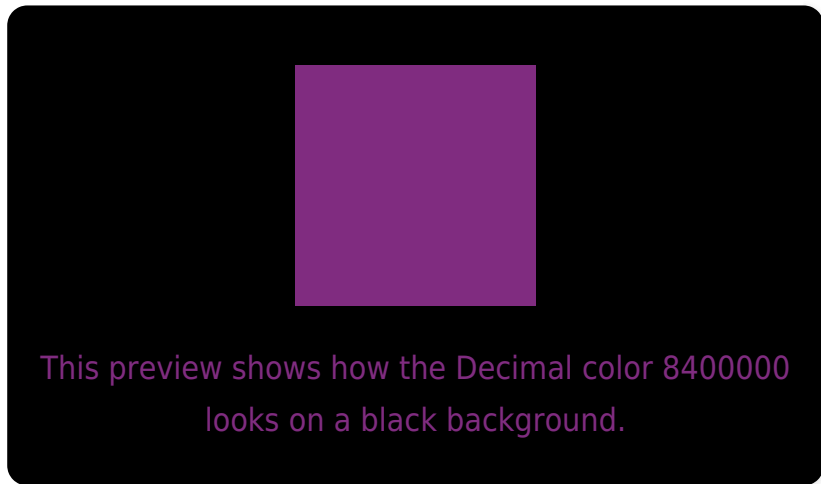
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

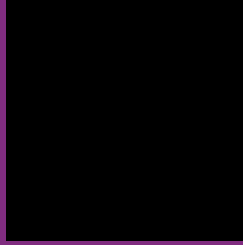
Any Text WCAG AA × Fail

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 840000 Background



This preview shows how black text looks on a background with the Decimal color 840000.

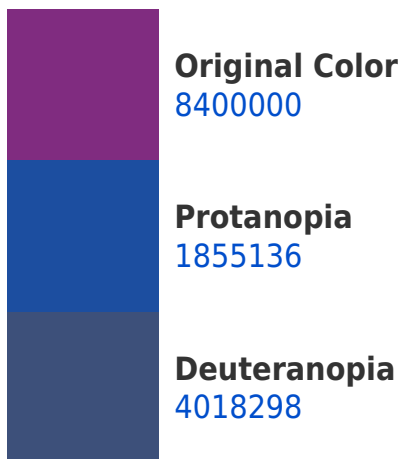


This preview shows how white text looks on a background with the Decimal color 840000.

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



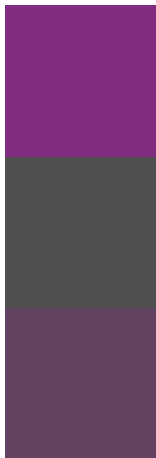
Original Color
8400000

Protanomaly
4211348

Deuteranomaly
5587836

Tritanomaly
8140889

Monochromacy



Original Color
8400000

Achromatopsia
5197647

Achromatomaly
6373985

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8400000 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 #802C80 looks like.

```
.text, #text, p{  
    color:#802C80  
}
```

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 #802C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802C80
}
```

Border

The CSS property to change the border of an element to Decimal 8400000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

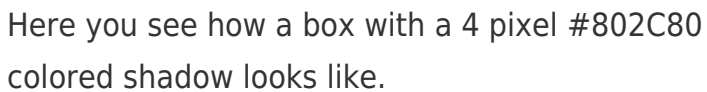
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802C80 }
```

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

```
.border{ border-color:#802C80 }
```

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



Here you see how a box with a 4 pixel #802C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802C80; -webkit-box-shadow:4px 4px  
4px 4px #802C80; box-shadow:4px 4px 4px  
4px #802C80 }
```

Background

The CSS property to change the background color of an element to Decimal 8400000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802C80 }
```

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

```
.background{ background-color:#802C80 }
```

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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