

Converting Colors

Decimal(8412817)

Have a look what the booklet for
Decimal(8412817) contains.

Decimal(8412817)	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(8412817)

Conversions

Conversions Part 1

Format	Color
Hex	805E91
RGB	128, 94, 145
RGB Percent	50%, 37%, 57%
CMY	0.4980, 0.6314, 0.4314
CMYK	0.12, 0.35, 0.00, 0.43
HSL	280°, 21%, 47%
HSV	280°, 35%, 57%
XYZ	18.0156, 14.6389, 28.6641
YIQ	109.9800, 3.8930, 23.0690

Conversions

Conversions Part 2

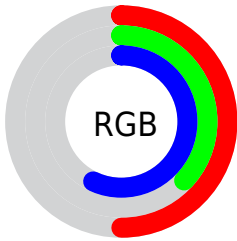
Format	Color
R _Y B	128, 94, 145
Decimal	8412817
CIE Lab	45.14, 23.70, -22.77
CIE LCh	45, 32.868, 316.140
Yxy	14.6389, 0.2938, 0.2387
Android (android.graphics.Color)	4286602897 (0xFF805E91)
YUV	109.9800, 17.2649, 15.8035
Hunter-Lab	38.2609, 17.0925, -17.6361

Details

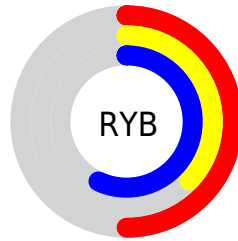
The Decimal color **8412817** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7311710**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **11964871**, and **5123934** is the 20% darker color. If you saturate the color by 10%, you get **8081553**, and if you desaturate by 10%, it is **8744337**.

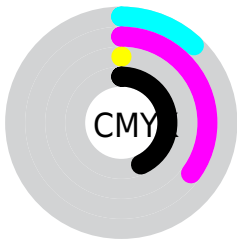
Distribution



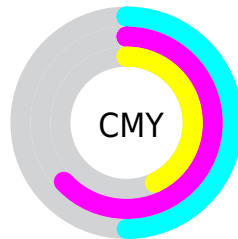
- Red (50%)
- Green (37%)
- Blue (57%)



- Red (50%)
- Yellow (37%)
- Blue (57%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8412817 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 8412817 by changing the saturation by 10% instead.



8412817



8412817

16777215



6702711



11964871



5123934



13741283



3545414



15648767



2097712



16770047



27



0



8412817



8412817



8081553



8744337



7750033



9075601

7484305

9407121

7152785

9672849

6821521

10004369

6490001

10335633

6357137

10667153

10998417

11264401

Harmonies

Analogous

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



5859487



8412817



9918073

Triad

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



8412817



8873269



31097

Complementary

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



8412817



7311710

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.



2455645



8412817



7171637

Square

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



8412817



9984836



5141572



30610

Rectangle

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



8412817



10376294



5141572



31088

Sweetspot

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



8412817



11970749



6188945



5919326



14606046



6184542

Same Dimension

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



8412817



10644925



9526920



4538439



5898375



327688

Inverse Universe

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



9526895



12414344



6197607



4669507



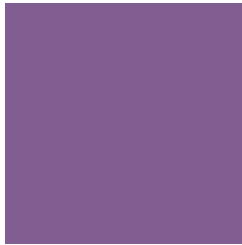
8847405



524291

Previews

White Background



This preview shows how the Decimal color 8412817 looks on a white background.

Color Contrast Check

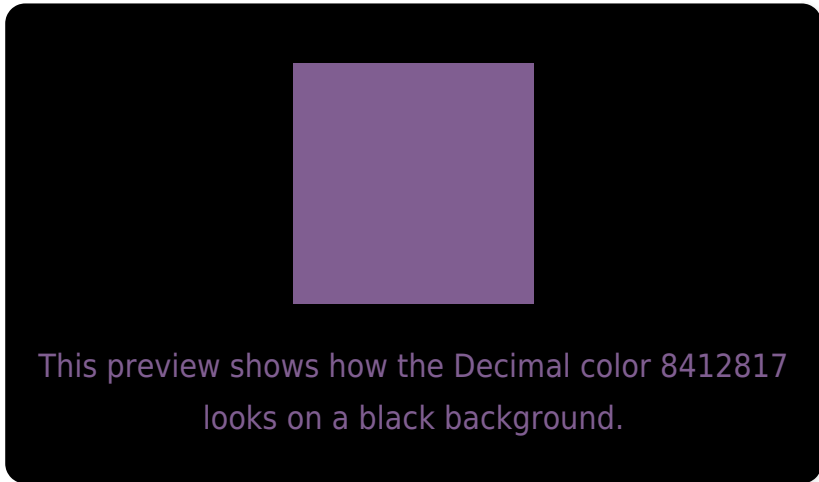
Large Text (above 18pt) WCAG AA ✓ Pass

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

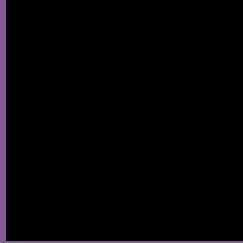
Any Text WCAG AA × Fail

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 8412817 Background



This preview shows how black text looks on a background with the Decimal color 8412817.



This preview shows how white text looks on a background with the Decimal color 8412817.

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



Original Color
8412817

Protanopia
5990810

Deuteranopia
6449551



Tritanopia
8086893

Trichromacy



Original Color
8412817

Protanomaly
6841751

Deuteranomaly
7169424

Tritanomaly
8217210

Monochromacy



Original Color
8412817

Achromatopsia
7237230

Achromatomaly
7694459

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8412817 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 #805E91 looks like.

```
.text, #text, p{  
    color:#805E91  
}
```

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 #805E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805E91
}
```

Border

The CSS property to change the border of an element to Decimal 8412817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

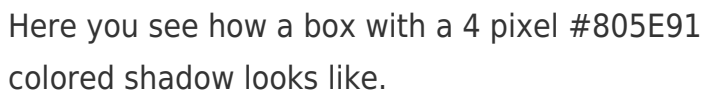
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805E91 }
```

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

```
.border{ border-color:#805E91 }
```

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



Here you see how a box with a 4 pixel #805E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805E91; -webkit-box-shadow:4px 4px  
4px 4px #805E91; box-shadow:4px 4px 4px  
4px #805E91 }
```

Background

The CSS property to change the background color of an element to Decimal 8412817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805E91 }
```

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

```
.background{ background-color:#805E91 }
```

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