

Converting Colors

Decimal(8470416)

Have a look what the booklet for
Decimal(8470416) contains.

Decimal(8470416)	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(8470416)

Conversions

Conversions Part 1

Format	Color
Hex	813F90
RGB	129, 63, 144
RGB Percent	51%, 25%, 56%
CMY	0.4941, 0.7529, 0.4353
CMYK	0.10, 0.56, 0.00, 0.44
HSL	289°, 39%, 41%
HSV	289°, 56%, 56%
XYZ	15.8648, 10.2358, 27.5251
YIQ	91.9680, 13.3350, 39.1830

Conversions

Conversions Part 2

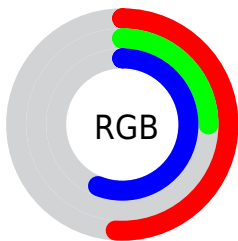
Format	Color
RYB	129, 63, 144
Decimal	8470416
CIELab	38.26, 41.41, -32.90
CIELCh	38, 52.890, 321.528
Yxy	10.2358, 0.2958, 0.1909
Android (android.graphics.Color)	4286660496 (0xFF813F90)
YUV	91.9680, 25.6518, 32.4771
Hunter-Lab	31.9934, 32.5258, -28.6140

Details

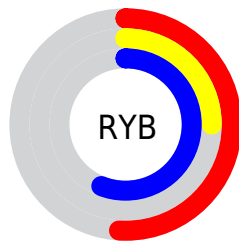
The Decimal color **8470416** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5148735**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **12088006**, and **5048925** is the 20% darker color. If you saturate the color by 10%, you get **8270224**, and if you desaturate by 10%, it is **8670608**.

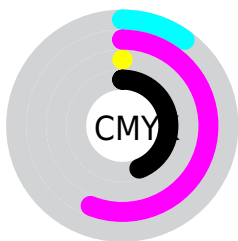
Distribution



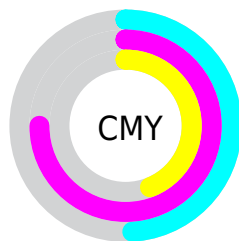
- Red (51%)
- Green (25%)
- Blue (56%)



- Red (51%)
- Yellow (25%)
- Blue (56%)



- Cyan (10%)
- Magenta (56%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8470416 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 8470416 by changing the saturation by 10% instead.

8470416

8470416

16777215

6760054

12088006

5048925

13929698

3407941

15837183

2031662

16761855

280

16769023

0

16776447

8470416

8470416

8270224

8670608

8135312

8805520

7935120

9005712

7734672

9206160

7667856

9340816

9541008

9741456

9876112

10076560

Harmonies

Analogous

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



3953834



8470416



10497128

Triad

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



8470416



7820288



28024

Complementary

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



8470416



5148735

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.



27980



8470416



5267712

Square

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



8470416



9781525



747808



27549

Rectangle

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



8470416



10824267



747808



28010

Sweetspot

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



8470416



11836346



4149136



5983070



14606046



6184542

Same Dimension

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



8470416



10697914



9453432



4603975



7209095



393224

Inverse Universe

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



9453390



12205139



4165719



4669506



8847385



524289

Previews

White Background



This preview shows how the Decimal color 8470416 looks on a white background.

Color Contrast Check

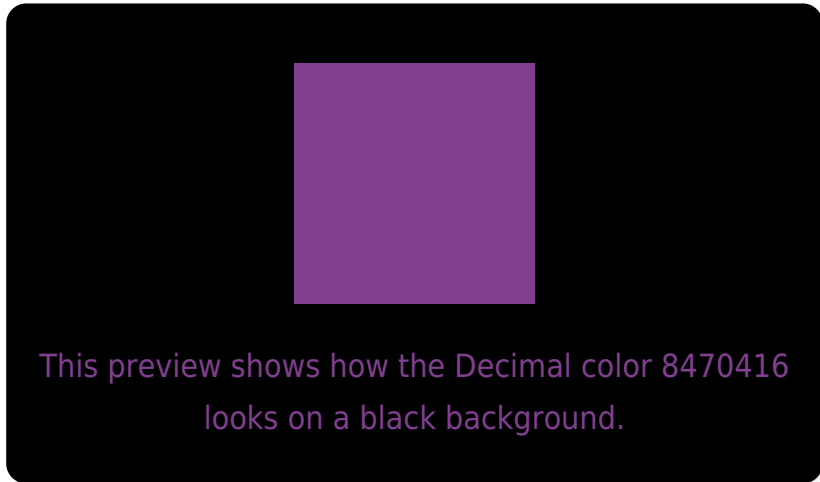
Large Text (above 18pt) WCAG AA ✓ Pass

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

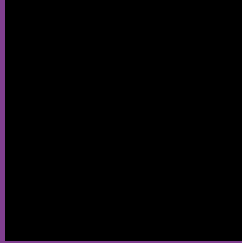
Any Text WCAG AA × Fail

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 8470416 Background



This preview shows how black text looks on a background with the Decimal color 8470416.




This preview shows how white text looks on a background with the Decimal color 8470416.

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
7950165

Trichromacy



Original Color
8470416



Protanomaly
5197727



Deuteranomaly
5918861



Tritanomaly
8145258

Monochromacy



Original Color
8470416



Achromatopsia
6052956



Achromatomaly
6902127

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8470416 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 #813F90 looks like.

```
.text, #text, p{  
    color:#813F90  
}
```

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 #813F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813F90
}
```

Border

The CSS property to change the border of an element to Decimal 8470416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

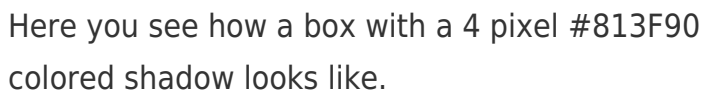
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813F90 }
```

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

```
.border{ border-color:#813F90 }
```

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



Here you see how a box with a 4 pixel #813F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813F90; -webkit-box-shadow:4px 4px  
4px 4px #813F90; box-shadow:4px 4px 4px  
4px #813F90 }
```

Background

The CSS property to change the background color of an element to Decimal 8470416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813F90 }
```

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

```
.background{ background-color:#813F90 }
```

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