

Converting Colors

Hex(813384)

Have a look what the booklet for
Hex(813384) contains.

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Color

Hex(813384)

Conversions

Conversions Part 1

Format	Color
Hex	813384
RGB	129, 51, 132
RGB Percent	51%, 20%, 52%
CMY	0.4941, 0.8000, 0.4824
CMYK	0.02, 0.61, 0.00, 0.48
HSL	298°, 44%, 36%
HSV	298°, 61%, 52%
XYZ	14.4019, 8.7007, 22.7501
YIQ	83.5560, 20.4870, 41.7270

Conversions

Conversions Part 2

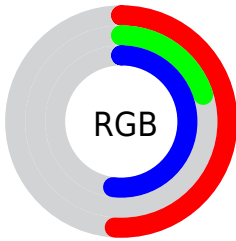
Format	Color
R_{YB}	129, 51, 132
Decimal	8467332
CIE _{Lab}	35.40, 45.00, -30.05
CIE _{LCh}	35, 54.116, 326.263
Yxy	8.7007, 0.3141, 0.1898
Android (android.graphics.Color)	4286657412 (0xFF813384)
YUV	83.5560, 23.8829, 39.8544
Hunter-Lab	29.4970, 35.5331, -25.0807

Details

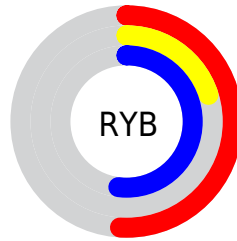
The Hex color **813384** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **368433**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B867B9**, and **4D0052** is the 20% darker color. If you saturate the color by 10%, you get **812684**, and if you desaturate by 10%, it is **814084**.

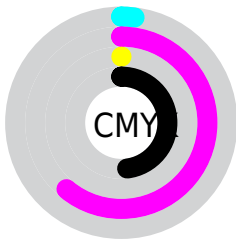
Distribution



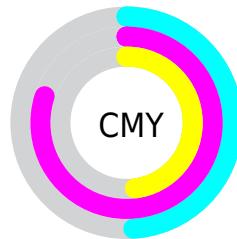
- Red (51%)
- Green (20%)
- Blue (52%)



- Red (51%)
- Yellow (20%)
- Blue (52%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (48%)




- Cyan (49%)
- Magenta (80%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813384 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 Hex color 813384 by changing the saturation by 10% instead.

 813384

 813384

FFFFFF

 66186B

 B867B9

 4D0052

 D481D5

 34003B

 F29CF2

 1C0024

 FFB7FF

 00000C


 FFD4FF

 000000

 FFF1FF

 813384

 813384

 812684

 814084

801984

824D84

800B84

825B84

7F0084

836884

837584

848284

848F84

859D84

85AA84

Harmonies

Analogous

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



434AA2



813384



9B1F5B

Triad

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



813384



6A5000



006679

Complementary

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



813384



368433

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.



00664C



813384



405C00

Square

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



813384



8A3D03



00631F



00639B

Rectangle

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



813384



9E203E



00631F



00666A

Sweetspot

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



813384



AA8CAB



333784



564457



D6D6D6



575757

Same Dimension

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



813384



A62CAB



843360



423C42



7D0082



020003

Inverse Universe

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



843336



AB2C31



338457



423C3C



820005



030000

Previews

White Background



This preview shows how the Hex color 813384 looks on a white background.

Color Contrast Check

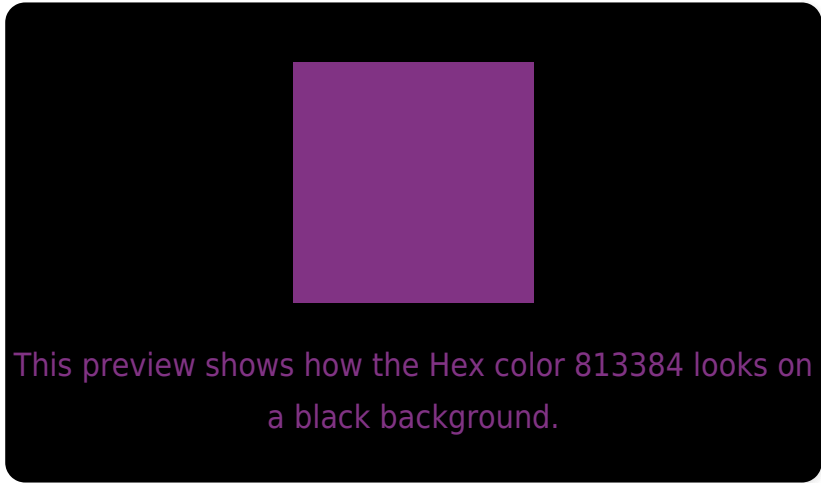
Large Text (above 18pt) WCAG AA ✓ Pass

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

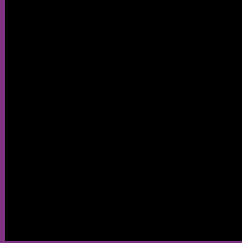
Any Text WCAG AA × Fail

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](#).

Hex 813384 Background



This preview shows how black text looks on a background with the Hex color 813384.

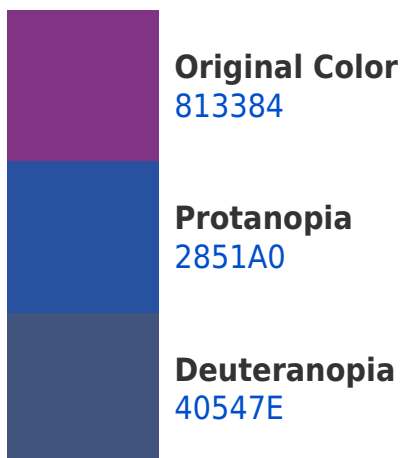


This preview shows how white text looks on a background with the Hex color 813384.

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](#).

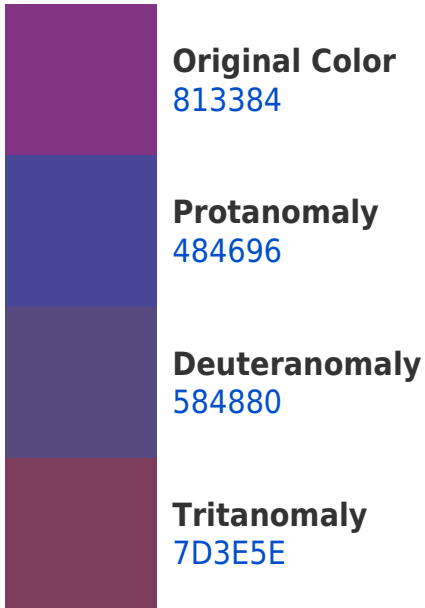
Dichromacy





Tritanopia
7A4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 813384 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 #813384 looks like.

```
.text, #text, p{  
    color:#813384  
}
```

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 #813384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813384
}
```

Border

The CSS property to change the border of an element to Hex 813384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

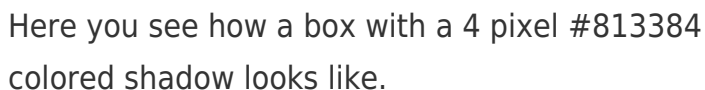
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813384 }
```

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

```
.border{ border-color:#813384 }
```

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



Here you see how a box with a 4 pixel #813384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813384; -webkit-box-shadow:4px 4px  
4px 4px #813384; box-shadow:4px 4px 4px  
4px #813384 }
```

Background

The CSS property to change the background color of an element to Hex 813384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813384 }
```

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

```
.background{ background-color:#813384 }
```

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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