

# Converting Colors

Hex(813484)

Have a look what the booklet for  
Hex(813484) contains.

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# Color

**Hex(813484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	813484
RGB	129, 52, 132
RGB Percent	51%, 20%, 52%
CMY	0.4941, 0.7961, 0.4824
CMYK	0.02, 0.61, 0.00, 0.48
HSL	298°, 43%, 36%
HSV	298°, 61%, 52%
XYZ	14.4461, 8.7891, 22.7649
YIQ	84.1430, 20.2120, 41.2040

# Conversions

## Conversions Part 2

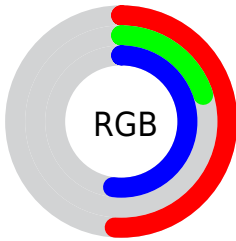
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 52, 132
Decimal	8467588
CIE <sub>Lab</sub>	35.57, 44.53, -29.78
CIE <sub>LCh</sub>	36, 53.569, 326.224
Yxy	8.7891, 0.3140, 0.1911
Android (android.graphics.Color)	4286657668 (0xFF813484)
<b>YUV</b>	84.1430, 23.5935, 39.3396
Hunter-Lab	29.6463, 35.0986, -24.7752

# Details

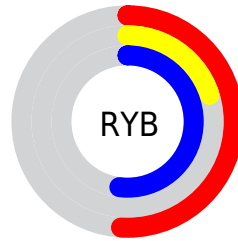
The Hex color **813484** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **378434**, and the grayscale version is **545454**.

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 **812784**, and if you desaturate by 10%, it is **814184**.

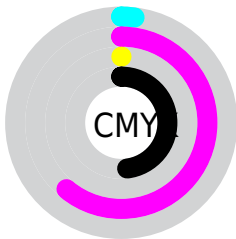
# Distribution



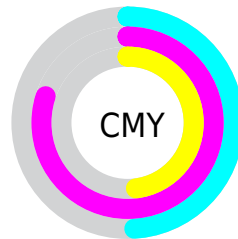
- Red (51%)
- Green (20%)
- Blue (52%)



- 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 813484 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 813484 by changing the saturation by 10% instead.



 813484

 813484

FFFFFF

 67196B

 B867B9

 4D0052

 D482D5

 34003B

 F19DF2

 1C0024


 FFB8FF

 00000C


 FFD5FF

 000000

 FFF1FF

 813484

 813484

 812784

 814184

801A84

824E84

800C84

825C84

7F0084

836984

837684

848384

849084

859E84

85AB84

# Harmonies

## Analogous

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



444BA1



813484



9B215B

# Triad

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



813484



6B5000



006679

# Complementary

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



813484



378434

# 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.



00664D



813484



415C00

# Square

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



813484



8A3D05



006320



00639B

# Rectangle

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



813484



9E223F



006320



00676A



# Sweetspot

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



813484



AA8CAB



343884



564457



D6D6D6



575757



# Same Dimension

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



813484



A62EAB



843460



423C42



7D0082



020003



# Inverse Universe

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



843437



AB2E33



348458



423C3C



820005



030000



# Previews

## White Background



This preview shows how the Hex color 813484 looks on a white background.

## Color Contrast Check

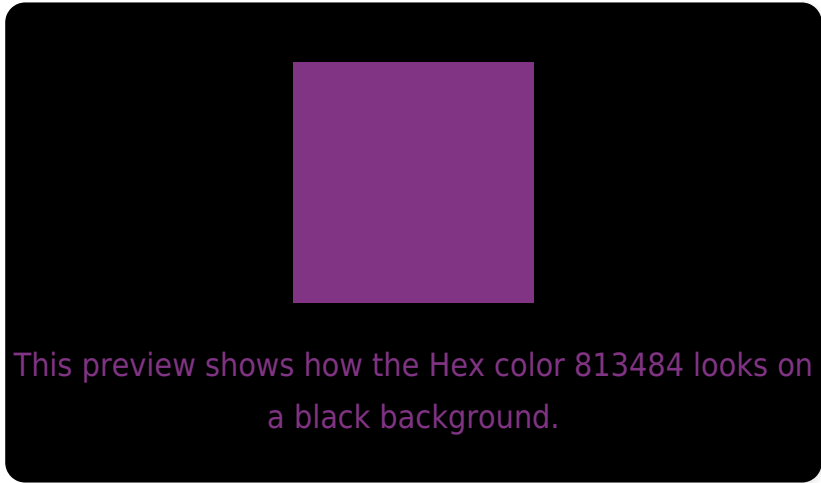
Large Text (above 18pt) WCAG AA ✓ Pass

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

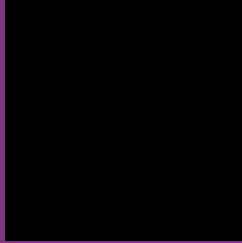
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 813484 Background



This preview shows how black text looks on a background with the Hex color 813484.

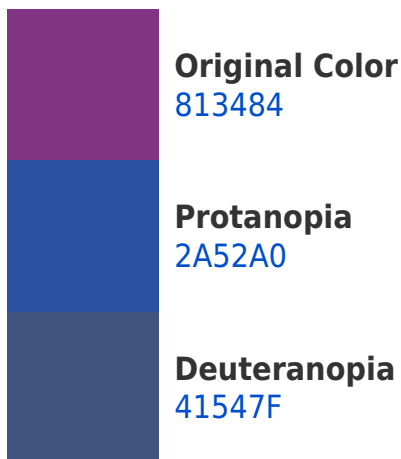


This preview shows how white text looks on a background with the Hex color 813484.

# 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**  
7A454A

# Trichromacy



**Original Color**  
813484

**Protanomaly**  
4A4796

**Deuteranomaly**  
584881

**Tritanomaly**  
7D3F5F

# Monochromacy



**Original Color**  
813484

**Achromatopsia**  
545454

**Achromatomaly**  
644865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 813484 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 #813484 looks like.

```
.text, #text, p{  
    color:#813484  
}
```

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 #813484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813484
}
```

## Border

The CSS property to change the border of an element to Hex 813484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

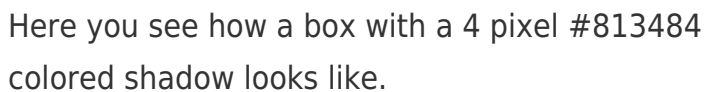
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813484 }
```

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

```
.border{ border-color:#813484 }
```

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



Here you see how a box with a 4 pixel #813484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813484; -webkit-box-shadow:4px 4px  
4px 4px #813484; box-shadow:4px 4px 4px  
4px #813484 }
```

# Background

The CSS property to change the background color of an element to Hex 813484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813484 }
```

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

```
.background{ background-color:#813484 }
```

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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