

# Converting Colors

Hex(842155)

Have a look what the booklet for  
Hex(842155) contains.

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# Color

**Hex(842155)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	842155
RGB	132, 33, 85
RGB Percent	52%, 13%, 33%
CMY	0.4824, 0.8706, 0.6667
CMYK	0.00, 0.75, 0.36, 0.48
HSL	328°, 60%, 32%
HSV	328°, 75%, 52%
XYZ	11.6993, 6.6491, 9.2611
YIQ	68.5290, 42.3120, 37.1600

# Conversions

## Conversions Part 2

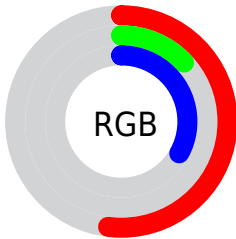
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 33, 85
Decimal	8659285
CIE <sub>Lab</sub>	30.99, 46.16, -6.93
CIE <sub>LCh</sub>	31, 46.675, 351.460
Yxy	6.6491, 0.4237, 0.2408
Android (android.graphics.Color)	4286849365 (0xFF842155)
YUV	68.5290, 8.1202, 55.6641
Hunter-Lab	25.7859, 35.8616, -3.2441

# Details

The Hex color **842155** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **218450**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BC5787**, and **4E0028** is the 20% darker color. If you saturate the color by 10%, you get **84144F**, and if you desaturate by 10%, it is **842E5B**.

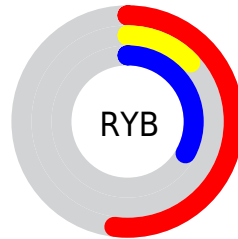
# Distribution



Red (52%)

Green (13%)

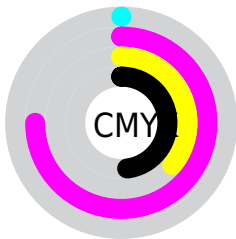
Blue (33%)



Red (52%)

Yellow (13%)

Blue (33%)

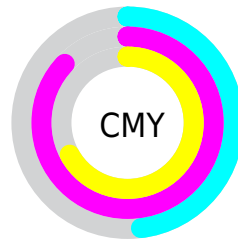


Cyan (0%)

Magenta (75%)

Yellow (36%)

Black (48%)



Cyan (48%)

Magenta (87%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842155 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 842155 by changing the saturation by 10% instead.



 842155

 842155

FFFFFF

 69003E

 BC5787

 4E0028

 D971A1

 360014

 F78CBC

 110000

 FFA8D7

 000000

 FFC4F4

 FFE0FF

 FFFDFD

 842155

 842155

84144F

842E5B

840748

843B62

840045

844968

84566E

846374

84707B

847D81

848B87

84988D

# Harmonies

## Analogous

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



6A3277



842155



882331

# Triad

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



842155



404F00



005782

# Complementary

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



842155



218450

# 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.



005963



842155



045517

# Square

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



842155



624400



00593D



005092

# Rectangle

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



842155



812D1A



00593D



005879



# Sweetspot

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



842155



AB8498



4F2184



573E4B



D6D6D6



575757



# Same Dimension

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



842155



AB1162



842124



423C3F



820044



030001



# Inverse Universe

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



842155



AB1162



218481



423C3F



820044

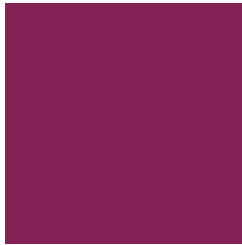


030001



# Previews

## White Background



This preview shows how the Hex color 842155 looks on a white background.

## Color Contrast Check

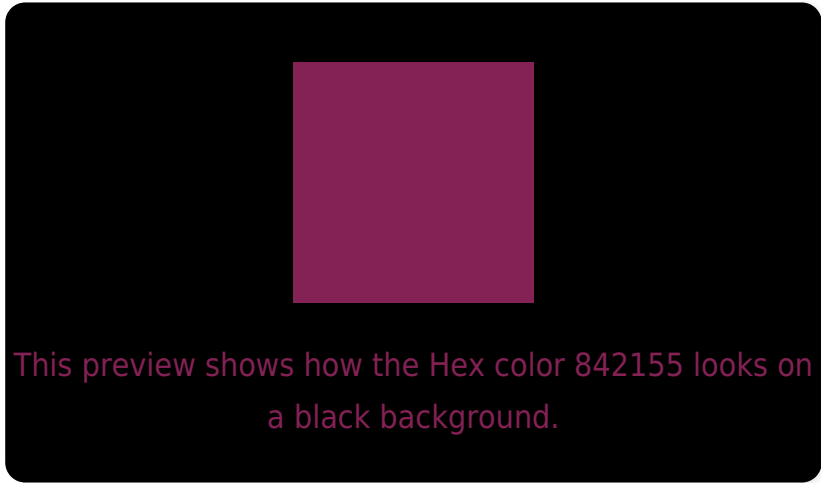
Large Text (above 18pt) WCAG AA ✓ Pass

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

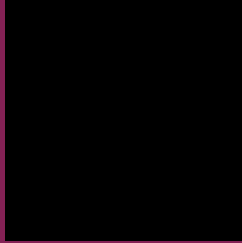
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 842155 Background



This preview shows how black text looks on a background with the Hex color 842155.



This preview shows how white text looks on a background with the Hex color 842155.

# 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**  
842155

**Protanopia**  
3D4970

**Deuteranopia**  
4F4850



**Tritanopia**  
812C2F

# Trichromacy



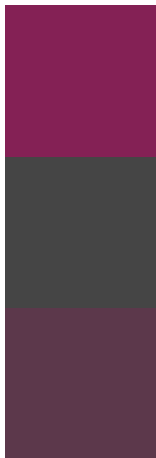
**Original Color**  
842155

**Protanomaly**  
573A66

**Deuteranomaly**  
623A52

**Tritanomaly**  
82283D

# Monochromacy



**Original Color**  
842155

**Achromatopsia**  
454545

**Achromatomaly**  
5C384B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842155 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 #842155 looks like.

```
.text, #text, p{  
    color:#842155  
}
```

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 #842155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842155
}
```

## Border

The CSS property to change the border of an element to Hex 842155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

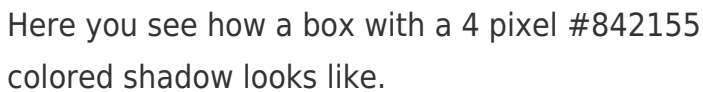
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842155 }
```

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

```
.border{ border-color:#842155 }
```

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



Here you see how a box with a 4 pixel #842155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842155; -webkit-box-shadow:4px 4px  
4px 4px #842155; box-shadow:4px 4px 4px  
4px #842155 }
```

# Background

The CSS property to change the background color of an element to Hex 842155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842155 }
```

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

```
.background{ background-color:#842155 }
```

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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