

# Converting Colors

Hex(841860)

Have a look what the booklet for  
Hex(841860) contains.

<b>Hex(841860)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(841860)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	841860
RGB	132, 24, 96
RGB Percent	52%, 9%, 38%
CMY	0.4824, 0.9059, 0.6235
CMYK	0.00, 0.82, 0.27, 0.48
HSL	320°, 69%, 31%
HSV	320°, 82%, 52%
XYZ	11.9537, 6.4033, 11.6723
YIQ	64.5000, 41.2560, 45.2880

# Conversions

## Conversions Part 2

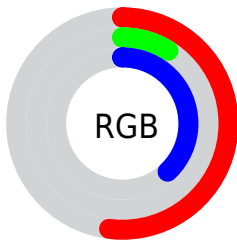
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 24, 96
Decimal	8656992
CIE <sub>Lab</sub>	30.41, 50.47, -14.99
CIE <sub>LCh</sub>	30, 52.655, 343.455
Yxy	6.4033, 0.3981, 0.2132
Android (android.graphics.Color)	4286847072 (0xFF841860)
YUV	64.5000, 15.5295, 59.1975
Hunter-Lab	25.3048, 40.0378, -9.6352

# Details

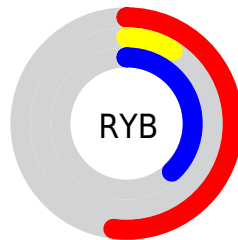
The Hex color **841860** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **18843C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BC5193**, and **4E0032** is the 20% darker color. If you saturate the color by 10%, you get **840B5C**, and if you desaturate by 10%, it is **842564**.

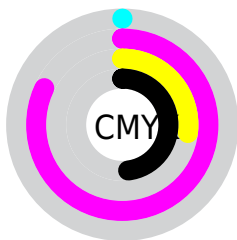
# Distribution



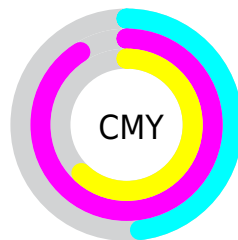
- Red (52%)
- Green (9%)
- Blue (38%)



- Red (52%)
- Yellow (9%)
- Blue (38%)



- Cyan (0%)
- Magenta (82%)
- Yellow (27%)
- Black (48%)



- Cyan (48%)
- Magenta (91%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 841860 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 841860 by changing the saturation by 10% instead.



 841860

 841860

FFFFFF

 690048

 BC5193

 4E0032

 D96CAD

 37001D

 F787C9

 140000

 FFA3E5

 000000

 FFBFFF

 FFDBFF

 FFF9FF

 841860

 841860

■ 840B5C

■ 842564

■ 840058

■ 843269

■ 84406D

■ 844D72

■ 845A76

■ 84677A

■ 84747F

■ 848283

■ 848F88

# Harmonies

## Analogous

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



5F3284



841860



8E1037

# Triad

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



841860



484C00



005880

# Complementary

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



841860



18843C

# 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.



00595A



841860



0F5400

# Square

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



841860



6B3D00



00582F



005397

# Rectangle

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



841860



891F1D



00582F



005974



# Sweetspot

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



841860



AB809D



3C1884



573D4E



D6D6D6



575757



# Same Dimension

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



841860



AB0373



84182A



423C40



820057



030002



# Inverse Universe

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



841860



AB0373



188472



423C40



820057



030002



# Previews

## White Background



This preview shows how the Hex color 841860 looks on a white background.

## Color Contrast Check

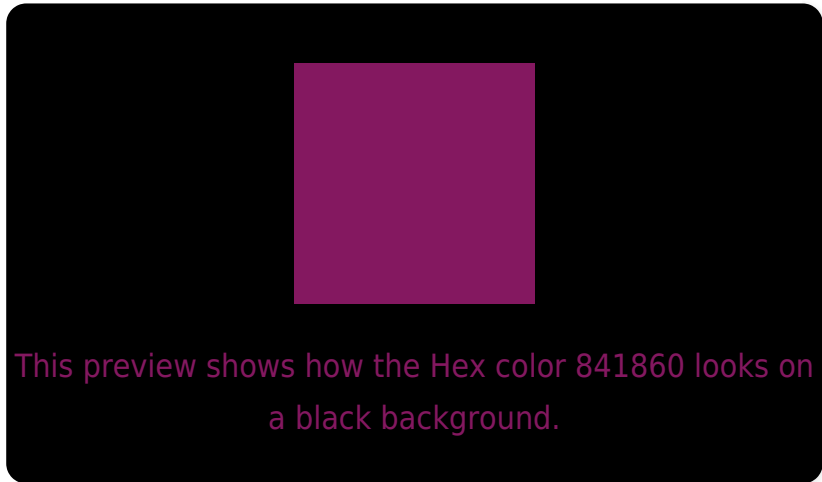
Large Text (above 18pt) WCAG AA ✓ Pass

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 841860 Background



This preview shows how black text looks on a background with the Hex color 841860.

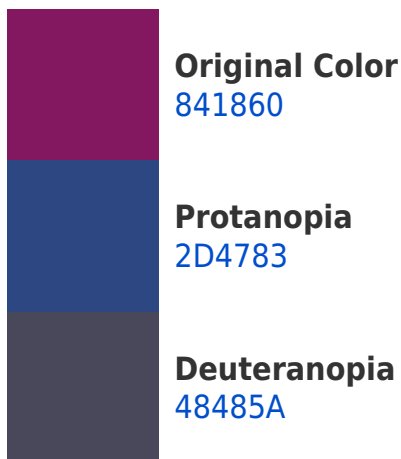


This preview shows how white text looks on a background with the Hex color 841860.

# 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**  
802B2D

# Trichromacy



**Original Color**  
841860

**Protanomaly**  
4D3676

**Deuteranomaly**  
5E375C

**Tritanomaly**  
812440

# Monochromacy



**Original Color**  
841860

**Achromatopsia**  
414141

**Achromatomaly**  
59324C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 841860 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 #841860 looks like.

```
.text, #text, p{  
    color:#841860  
}
```

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 #841860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #841860
}
```

## Border

The CSS property to change the border of an element to Hex 841860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

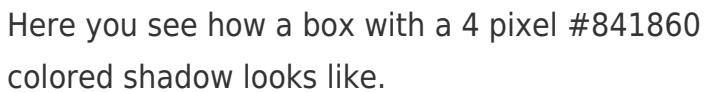
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#841860 }
```

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

```
.border{ border-color:#841860 }
```

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



Here you see how a box with a 4 pixel #841860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #841860; -webkit-box-shadow:4px 4px  
4px 4px #841860; box-shadow:4px 4px 4px  
4px #841860 }
```

# Background

The CSS property to change the background color of an element to Hex 841860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#841860 }
```

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

```
.background{ background-color:#841860 }
```

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