

# Converting Colors

Hex(841617)

Have a look what the booklet for  
Hex(841617) contains.

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**Color**

**Hex(841617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	841617
RGB	132, 22, 23
RGB Percent	52%, 9%, 9%
CMY	0.4824, 0.9137, 0.9098
CMYK	0.00, 0.83, 0.83, 0.48
HSL	359°, 71%, 30%
HSV	359°, 83%, 52%
XYZ	9.9573, 5.5412, 1.3554
YIQ	55.0040, 65.2390, 23.6310

# Conversions

## Conversions Part 2

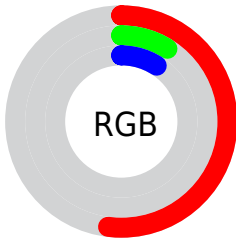
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 22, 23
Decimal	8656407
CIE <sub>Lab</sub>	28.22, 45.08, 29.90
CIE <sub>LCh</sub>	28, 54.097, 33.550
Yxy	5.5412, 0.5908, 0.3288
Android (android.graphics.Color)	4286846487 (0xFF841617)
YUV	55.0040, -15.7780, 67.5255
Hunter-Lab	23.5398, 34.3105, 13.0641

# Details

The Hex color **841617** is a dark color, and the websafe version is hex **660000**, and the color name is [ou crimson red](#). A complement of this color would be **168483**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C04E43**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **84090A**, and if you desaturate by 10%, it is **842324**.

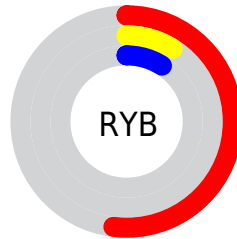
# Distribution



Red (52%)

Green (9%)

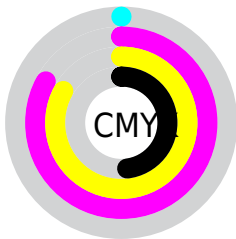
Blue (9%)



Red (52%)

Yellow (9%)

Blue (9%)

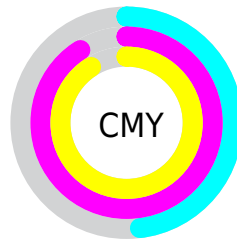


Cyan (0%)

Magenta (83%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (91%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 841617 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 841617 by changing the saturation by 10% instead.



 841617

 841617

 FFFFFB

 670000

 C04E43

 4A0000

 DE685A

 300002

 FD8373

 000000

 FF9E8D

 FFBA07

 FFD6C2

 FFF3DE

 841617

 841617

■ 84090A

■ 842324

■ 840001

■ 843031

■ 843E3E

■ 844B4B

■ 845858

■ 846565

■ 847273

■ 848080

■ 848D8D

# Harmonies

## Analogous

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



890040



841617



6F3100

# Triad

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



841617



00521A



004797

# Complementary

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



841617



168483

# 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.



00508E



841617



005447

# Square

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



841617



224D00



005470



443589

# Rectangle

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



841617



5A3E00



005470



004B97



# Sweetspot

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



841617



AB8081



821684



573D3D



D6D6D6



575757



# Same Dimension

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



841617



AB0002



844B16



423C3C



820001



030000



# Inverse Universe

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



841617



AB0002



164F84



423C3C



820001



030000



# Previews

## White Background



This preview shows how the Hex color 841617 looks on a white background.

## Color Contrast Check

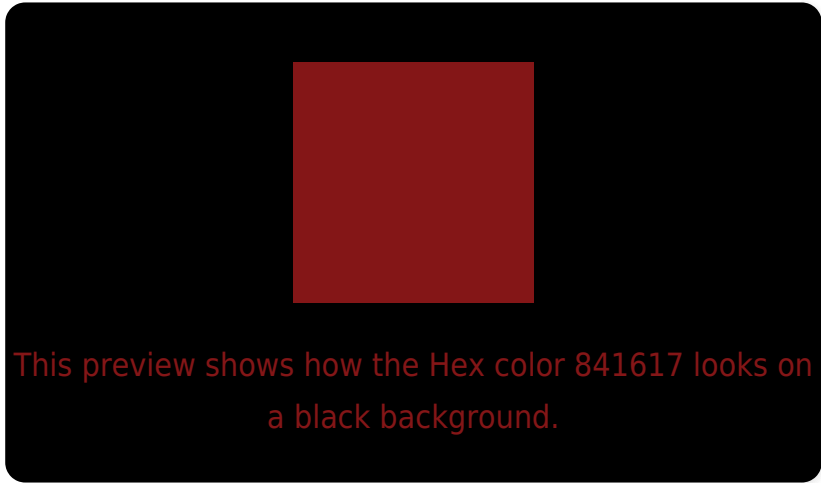
Large Text (above 18pt) WCAG AA ✓ Pass

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 841617 Background



This preview shows how black text looks on a background with the Hex color 841617.



This preview shows how white text looks on a background with the Hex color 841617.

# 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**  
841617

**Protanopia**  
4C4523

**Deuteranopia**  
57410B



**Tritanopia**  
841615

# Trichromacy



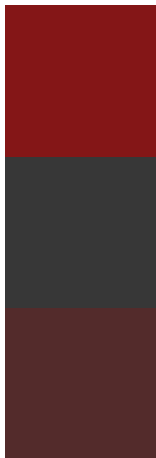
**Original Color**  
841617

**Protanomaly**  
60341F

**Deuteranomaly**  
67310F

**Tritanomaly**  
841616

# Monochromacy



**Original Color**  
841617

**Achromatopsia**  
373737

**Achromatomaly**  
532B2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 841617 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 #841617 looks like.

```
.text, #text, p{  
    color:#841617  
}
```

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 #841617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #841617
}
```

## Border

The CSS property to change the border of an element to Hex 841617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

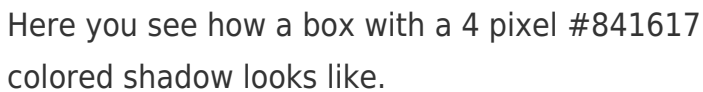
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#841617 }
```

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

```
.border{ border-color:#841617 }
```

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



Here you see how a box with a 4 pixel #841617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #841617; -webkit-box-shadow:4px 4px  
4px 4px #841617; box-shadow:4px 4px 4px  
4px #841617 }
```

# Background

The CSS property to change the background color of an element to Hex 841617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#841617 }
```

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

```
.background{ background-color:#841617 }
```

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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