

# Converting Colors

Hex(862A00)

Have a look what the booklet for  
Hex(862A00) contains.

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**Color**

**Hex(862A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	862A00
RGB	134, 42, 0
RGB Percent	53%, 16%, 0%
CMY	0.4745, 0.8353, 1.0000
CMYK	0.00, 0.69, 1.00, 0.47
HSL	19°, 100%, 26%
HSV	19°, 100%, 53%
XYZ	10.6595, 6.7243, 0.7361
YIQ	64.7200, 68.3140, 6.4420

# Conversions

## Conversions Part 2

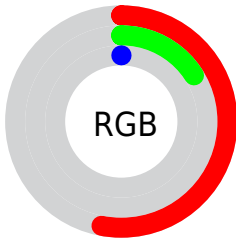
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 61, 0
Decimal	8792576
CIE <sub>Lab</sub>	31.17, 37.80, 43.21
CIE <sub>LCh</sub>	31, 57.413, 48.824
Yxy	6.7243, 0.5883, 0.3711
Android (android.graphics.Color)	4286982656 (0xFF862A00)
YUV	64.7200, -31.9070, 60.7586
Hunter-Lab	25.9312, 27.9961, 16.4688

# Details

The Hex color **862A00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005C86**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C25C31**, and **4C0000** is the 20% darker color. If you saturate the color by 10%, you get **862A00**, and if you desaturate by 10%, it is **86330D**.

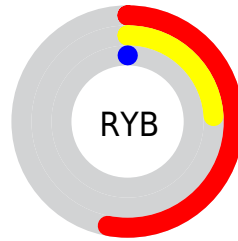
# Distribution



Red (53%)

Green (16%)

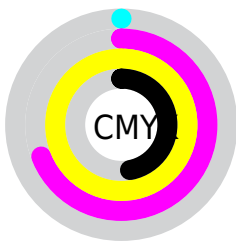
Blue (0%)



Red (53%)

Yellow (24%)

Blue (0%)

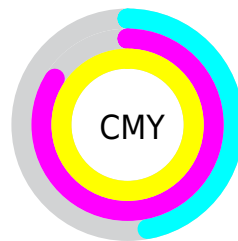


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (84%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862A00 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 862A00 by changing the saturation by 10% instead.



 862A00

 862A00

 FFFFE8

 690E00

 C25C31

 4C0000

 E17649

 320001

 FF9161

 000000

 FFAC7B

 FFC895

 FFE4B0

 FFFFCC

 862A00

 86330D

 863C1B

 864628


 864F36

 865843

 866150

 866A5E

 86746B

 867D79

# Harmonies

## Analogous

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



950530



862A00



684100

# Triad

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



862A00



005B36



0045A0

# Complementary

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



862A00



005C86

# 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.



0054A3



862A00



005C65

# Square

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



862A00



005700



005B8D



6C2C85

# Rectangle

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



862A00



4F4C00



005B8D



004BA4



# Sweetspot

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



862A00



AD8A79



86005E



574137



D6D6D6



575757



# Same Dimension

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



862A00



AD3600



866B00



423E3C



822900



030100



# Inverse Universe

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



005C86



0077AD



001B86



3C4042



005982

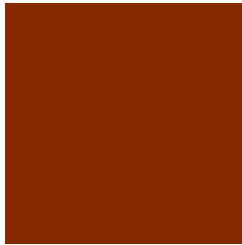


000203



# Previews

## White Background



This preview shows how the Hex color 862A00 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 862A00 Background



This preview shows how black text looks on a background with the Hex color 862A00.



This preview shows how white text looks on a background with the Hex color 862A00.

# 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**  
862A00

**Protanopia**  
544B0E

**Deuteranopia**  
5E4700



# Trichromacy



**Original Color**  
862A00

**Protanomaly**  
663F09

**Deuteranomaly**  
6D3C00

**Tritanomaly**  
87281A

# Monochromacy



**Original Color**  
862A00

**Achromatopsia**  
414141

**Achromatomaly**  
5A3929

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862A00 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 #862A00 looks like.

```
.text, #text, p{  
    color:#862A00  
}
```

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 #862A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862A00  
}
```

## Border

The CSS property to change the border of an element to Hex 862A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

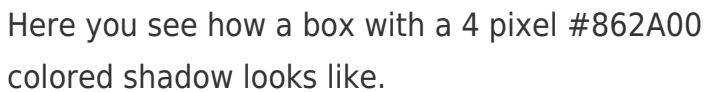
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#862A00 }
```

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

```
.border{ border-color:#862A00 }
```

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



Here you see how a box with a 4 pixel #862A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862A00; -webkit-box-shadow:4px 4px  
4px 4px #862A00; box-shadow:4px 4px 4px  
4px #862A00 }
```

# Background

The CSS property to change the background color of an element to Hex 862A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862A00 }
```

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

```
.background{ background-color:#862A00 }
```

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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