

# Converting Colors

Hex(863636)

Have a look what the booklet for  
Hex(863636) contains.

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**Color**

**Hex(863636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	863636
RGB	134, 54, 54
RGB Percent	53%, 21%, 21%
CMY	0.4745, 0.7882, 0.7882
CMYK	0.00, 0.60, 0.60, 0.47
HSL	0°, 43%, 37%
HSV	0°, 60%, 53%
XYZ	11.8165, 7.9730, 4.4062
YIQ	77.9200, 47.6800, 16.9600

# Conversions

## Conversions Part 2

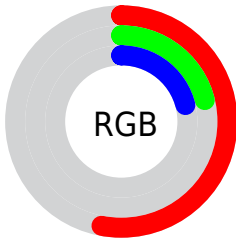
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 54, 54
Decimal	8795702
CIE Lab	33.93, 34.35, 17.42
CIE LCh	34, 38.510, 26.888
Yxy	7.9730, 0.4884, 0.3295
Android (android.graphics.Color)	4286985782 (0xFF863636)
YUV	77.9200, -11.7926, 49.1822
Hunter-Lab	28.2365, 25.2855, 10.5136

# Details

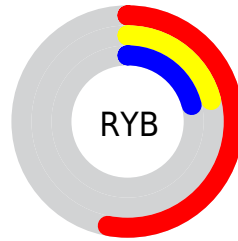
The Hex color **863636** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **368686**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BF6865**, and **4F010B** is the 20% darker color. If you saturate the color by 10%, you get **862929**, and if you desaturate by 10%, it is **864343**.

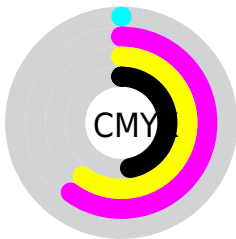
# Distribution



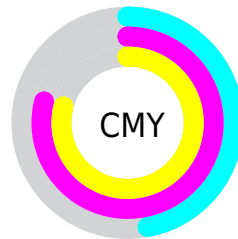
- Red (53%)
- Green (21%)
- Blue (21%)



- Red (53%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (47%)



- Cyan (47%)
- Magenta (79%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 863636 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 863636 by changing the saturation by 10% instead.



 863636

 863636

FFFFFF

 6A1D21

 BF6865

 4F010B

 DC827E

 350000

 FA9D98

 130000

 FFB8B2

 000000

 FFD4CE

 FFF1EA

 863636

 863636

 862929

 864343

861B1B

865151

860E0E

865E5E

860000

866C6C

867979

868686

869494

86A1A1

86AF AF

# Harmonies

## Analogous

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



853354



863636



79411C

# Triad

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



863636



195C2D



00548D

# Complementary

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



863636



368686

# 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.



005B83



863636



005E4B

# Square

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



863636



455614



005E6B



4A4986

# Rectangle

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



863636



6B4910



005E6B



00578B



# Sweetspot

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



863636



AD8E8E



863686



574444



D6D6D6



575757



# Same Dimension

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



863636



AD3131



865E36



423C3C



820000



030000



# Inverse Universe

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



368686



31ADAD



365E86



3C4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 863636 looks on a white background.

## Color Contrast Check

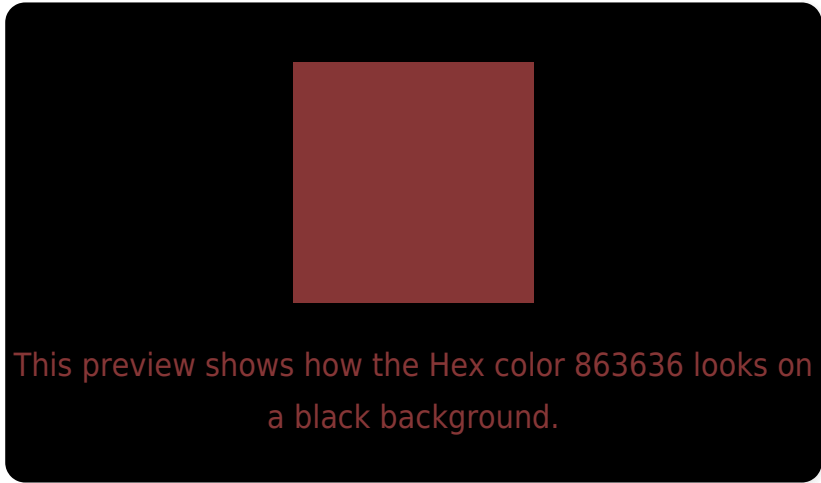
Large Text (above 18pt) WCAG AA ✓ Pass

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 863636 Background



This preview shows how black text looks on a background with the Hex color 863636.

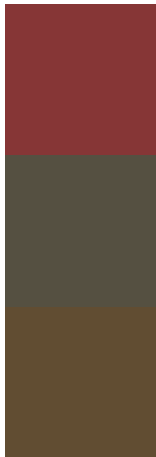


This preview shows how white text looks on a background with the Hex color 863636.

# 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**  
863636

**Protanopia**  
555041

**Deuteranopia**  
614D32



**Tritanopia**  
863639

# Trichromacy



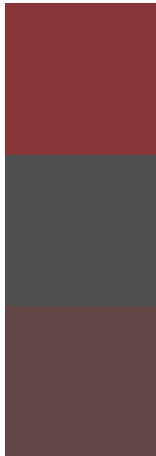
**Original Color**  
863636

**Protanomaly**  
67473D

**Deuteranomaly**  
6E4533

**Tritanomaly**  
863638

# Monochromacy



**Original Color**  
863636

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
624545

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 863636 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 #863636 looks like.

```
.text, #text, p{  
    color:#863636  
}
```

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 #863636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #863636
}
```

## Border

The CSS property to change the border of an element to Hex 863636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

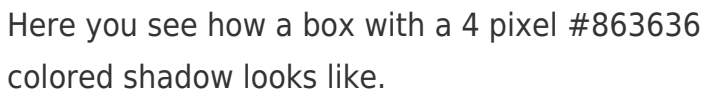
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#863636 }
```

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

```
.border{ border-color:#863636 }
```

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



Here you see how a box with a 4 pixel #863636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #863636; -webkit-box-shadow:4px 4px  
4px 4px #863636; box-shadow:4px 4px 4px  
4px #863636 }
```

# Background

The CSS property to change the background color of an element to Hex 863636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#863636 }
```

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

```
.background{ background-color:#863636 }
```

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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