

# Converting Colors

Hex(853121)

Have a look what the booklet for  
Hex(853121) contains.

<b>Hex(853121)</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(853121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853121
RGB	133, 49, 33
RGB Percent	52%, 19%, 13%
CMY	0.4784, 0.8078, 0.8706
CMYK	0.00, 0.63, 0.75, 0.48
HSL	10°, 60%, 33%
HSV	10°, 75%, 52%
XYZ	11.0457, 7.2930, 2.2644
YIQ	72.2920, 55.2000, 12.8320

# Conversions

## Conversions Part 2

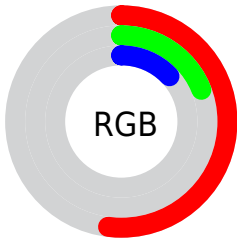
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 52, 33
Decimal	8728865
CIE <sub>Lab</sub>	32.46, 35.10, 28.56
CIE <sub>LCh</sub>	32, 45.251, 39.136
Yxy	7.2930, 0.5361, 0.3540
Android (android.graphics.Color)	4286918945 (0xFF853121)
YUV	72.2920, -19.3710, 53.2409
Hunter-Lab	27.0055, 25.7498, 13.9325

# Details

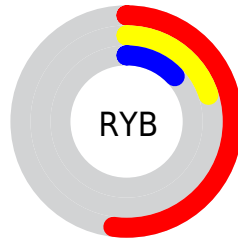
The Hex color **853121** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **217585**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **BF634E**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **852614**, and if you desaturate by 10%, it is **853C2E**.

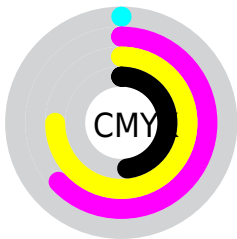
# Distribution



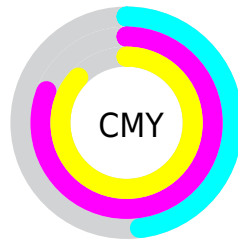
- Red (52%)
- Green (19%)
- Blue (13%)



- Red (52%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (63%)
- Yellow (75%)
- Black (48%)



- Cyan (48%)
- Magenta (81%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 853121 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 853121 by changing the saturation by 10% instead.





853121



853121

FFFFFF



69180C



BF634E



4D0000



DD7D66



330000



FB9780



070000



FFB39A



000000



FFCEB5



FFEBD0



FFFFEC



853121



853121

■ 852614

■ 853C2E

■ 851B06

■ 85473C

■ 851500

■ 855349

■ 855E56

■ 856964

■ 857471

■ 857F7E

■ 858A8B

■ 859699

# Harmonies

## Analogous

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



8B2643



853121



714100

# Triad

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



853121



005B31



004D93

# Complementary

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



853121



217585

# 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.



00578F



853121



005D57

# Square

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



853121



2C570D



005C79



5B3E84

# Rectangle

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



853121



5E4A00



005C79



005194



# Sweetspot

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



853121



AD8C86



852176



57423E



D6D6D6



575757



# Same Dimension

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



853121



AD2A11



856221



423D3C



821500



030000



# Inverse Universe

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



217585



1194AD



214485



3C4142



006D82



000203



# Previews

## White Background



This preview shows how the Hex color 853121 looks on a white background.

## Color Contrast Check

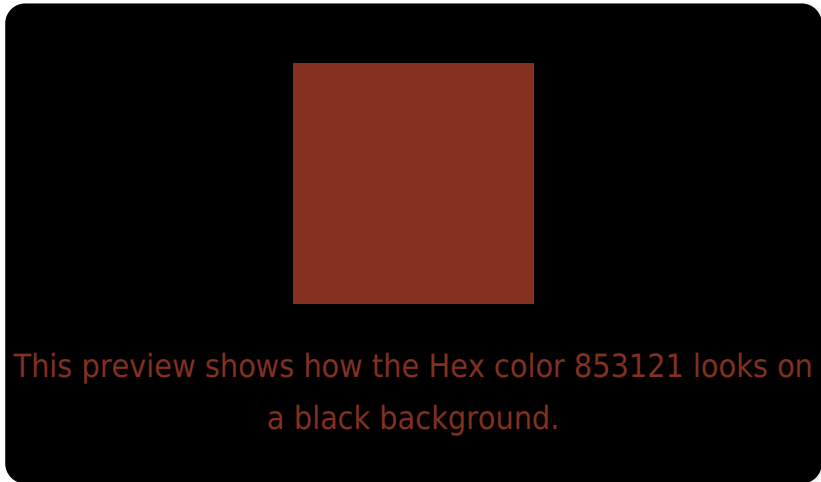
Large Text (above 18pt) WCAG AA ✓ Pass

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

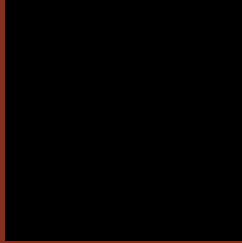
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 853121 Background



This preview shows how black text looks on a background with the Hex color 853121.



This preview shows how white text looks on a background with the Hex color 853121.

# 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**  
853121

**Protanopia**  
554D2A

**Deuteranopia**  
614A1B



**Tritanopia**  
862F32

# Trichromacy



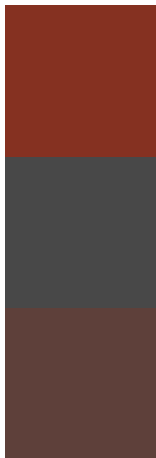
**Original Color**  
853121

**Protanomaly**  
664327

**Deuteranomaly**  
6E411D

**Tritanomaly**  
86302C

# Monochromacy



**Original Color**  
853121

**Achromatopsia**  
484848

**Achromatomaly**  
5E403A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 853121 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 #853121 looks like.

```
.text, #text, p{  
    color:#853121  
}
```

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 #853121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853121
}
```

## Border

The CSS property to change the border of an element to Hex 853121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

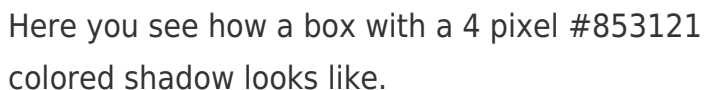
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853121 }
```

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

```
.border{ border-color:#853121 }
```

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



Here you see how a box with a 4 pixel #853121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853121; -webkit-box-shadow:4px 4px  
4px 4px #853121; box-shadow:4px 4px 4px  
4px #853121 }
```

# Background

The CSS property to change the background color of an element to Hex 853121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853121 }
```

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

```
.background{ background-color:#853121 }
```

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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