

# Converting Colors

Hex(891B51)

Have a look what the booklet for  
Hex(891B51) contains.

<b>Hex(891B51)</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(891B51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	891B51
RGB	137, 27, 81
RGB Percent	54%, 11%, 32%
CMY	0.4627, 0.8941, 0.6824
CMYK	0.00, 0.80, 0.41, 0.46
HSL	331°, 67%, 32%
HSV	331°, 80%, 54%
XYZ	12.1937, 6.6963, 8.4344
YIQ	66.0460, 48.2260, 40.1140

# Conversions

## Conversions Part 2

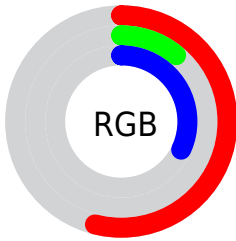
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 27, 81
Decimal	8985425
CIE Lab	31.11, 49.13, -4.04
CIE LCh	31, 49.301, 355.299
Yxy	6.6963, 0.4463, 0.2451
Android (android.graphics.Color)	4287175505 (0xFF891B51)
YUV	66.0460, 7.3723, 62.2267
Hunter-Lab	25.8772, 38.8262, -1.2109

# Details

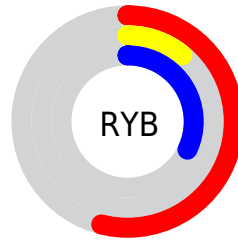
The Hex color **891B51** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1B8953**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C25382**, and **520025** is the 20% darker color. If you saturate the color by 10%, you get **890D4A**, and if you desaturate by 10%, it is **892958**.

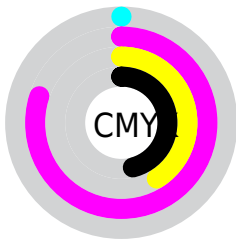
# Distribution



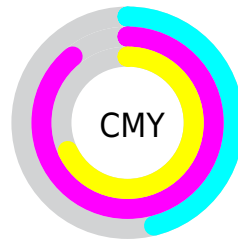
- Red (54%)
- Green (11%)
- Blue (32%)



- Red (54%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (80%)
- Yellow (41%)
- Black (46%)



- Cyan (46%)
- Magenta (89%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 891B51 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 891B51 by changing the saturation by 10% instead.



 891B51

 891B51

FFFFFF

 6D003A

 C25382

 520025

 E06E9C

 3A000F

 FD89B7

 170000

 FFA5D3

 000000

 FFC1EF

 FFDEFF

 FFFBFF

 891B51

 891B51

890D4A

892958

890043

89365F

894466

89526D

896074

896D7B

897B82

898989

899690

# Harmonies

## Analogous

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



712D76



891B51



8B212B

# Triad

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



891B51



3A5100



005789

# Complementary

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



891B51



1B8953

# 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.



005A69



891B51



005719

# Square

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



891B51



5F4500



005A42



005097

# Rectangle

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



891B51



822E12



005A42



005980



# Sweetspot

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



891B51



B3889D



521B89



593F4C



D9D9D9



595959



# Same Dimension

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



891B51



B3075B



891B1B



453E41



850041



050003



# Inverse Universe

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



891B51



B3075B



1B8989



453E41



850041

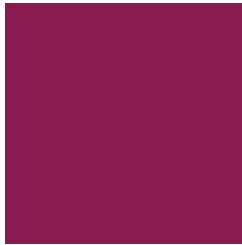


050003



# Previews

## White Background



This preview shows how the Hex color 891B51 looks on a white background.

## Color Contrast Check

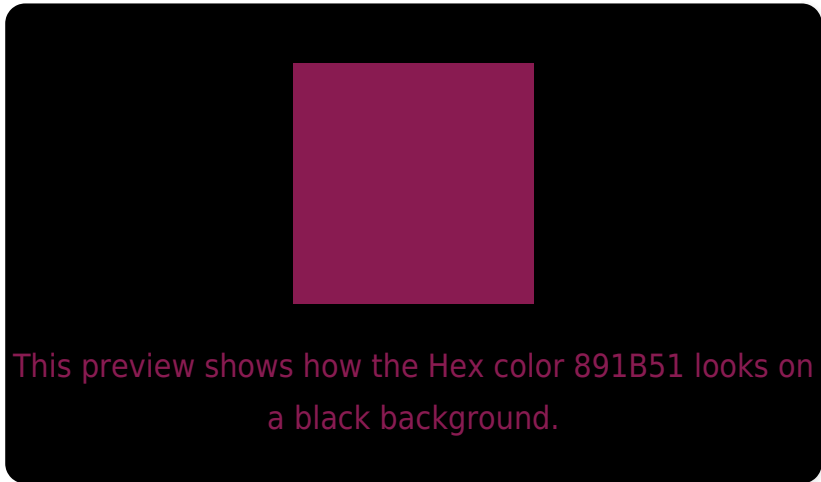
Large Text (above 18pt) WCAG AA ✓ Pass

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

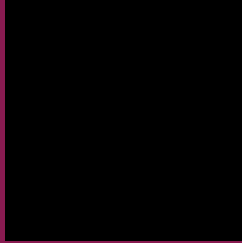
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 891B51 Background



This preview shows how black text looks on a background with the Hex color 891B51.

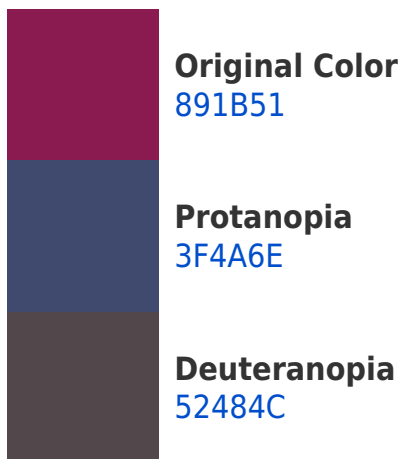



This preview shows how white text looks on a background with the Hex color 891B51.

# 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**  
872729

# Trichromacy



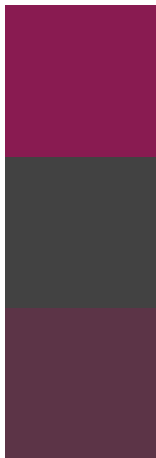
**Original Color**  
891B51

**Protanomaly**  
5A3963

**Deuteranomaly**  
66384E

**Tritanomaly**  
882338

# Monochromacy



**Original Color**  
891B51

**Achromatopsia**  
424242

**Achromatomaly**  
5C3447

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 891B51 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 #891B51 looks like.

```
.text, #text, p{  
    color:#891B51  
}
```

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 #891B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891B51
}
```

## Border

The CSS property to change the border of an element to Hex 891B51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

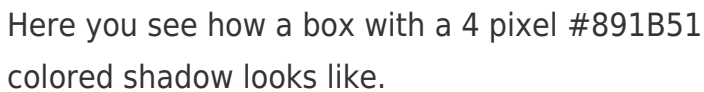
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#891B51 }
```

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

```
.border{ border-color:#891B51 }
```

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



Here you see how a box with a 4 pixel #891B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891B51; -webkit-box-shadow:4px 4px  
4px 4px #891B51; box-shadow:4px 4px 4px  
4px #891B51 }
```

# Background

The CSS property to change the background color of an element to Hex 891B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891B51 }
```

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

```
.background{ background-color:#891B51 }
```

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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