

Converting Colors

Hex(891D2B)

Have a look what the booklet for
Hex(891D2B) contains.

Hex(891D2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(891D2B)

Conversions

Conversions Part 1

Format	Color
Hex	891D2B
RGB	137, 29, 43
RGB Percent	54%, 11%, 17%
CMY	0.4627, 0.8863, 0.8314
CMYK	0.00, 0.79, 0.69, 0.46
HSL	352°, 65%, 33%
HSV	352°, 79%, 54%
XYZ	11.1919, 6.3715, 2.9254
YIQ	62.8880, 59.8740, 27.2500

Conversions

Conversions Part 2

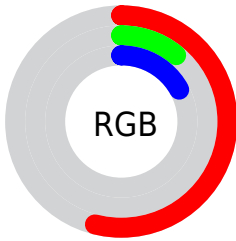
Format	Color
RYB	137, 29, 43
Decimal	8985899
CIELab	30.33, 45.37, 19.98
CIElCh	30, 49.573, 23.768
Yxy	6.3715, 0.5462, 0.3110
Android (android.graphics.Color)	4287175979 (0xFF891D2B)
YUV	62.8880, -9.8048, 64.9962
Hunter-Lab	25.2419, 34.9715, 10.7978

Details

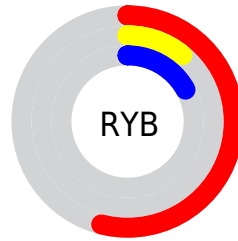
The Hex color **891D2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1D897B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **C45458**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **890F1F**, and if you desaturate by 10%, it is **892B37**.

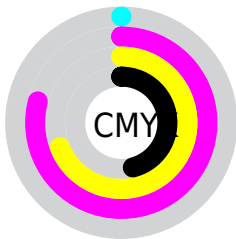
Distribution



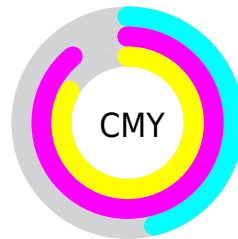
- Red (54%)
- Green (11%)
- Blue (17%)



- Red (54%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (79%)
- Yellow (69%)
- Black (46%)



- Cyan (46%)
- Magenta (89%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 891D2B 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 891D2B by changing the saturation by 10% instead.

 891D2B

 891D2B

FFFFFF

 6C0017

 C45458

 500000

 E26E71

 370002

 FF898A

 0A0000

 FFA4A4

 000000

 FFC0C0

 FFDDDB

 FFFAF8

 891D2B

 891D2B

 890F1F

 892B37

 890213


 893843

 890012

 89464F

 89545B

 896267

 896F73

 897D7E

 898B8A

 899896

Harmonies

Analogous

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



861851



891D2B



7A3204

Triad

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



891D2B



005515



004F95

Complementary

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



891D2B



1D897B

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.



005686



891D2B



00583E

Square

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



891D2B



3A4E00



005866



30418F

Rectangle

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



891D2B



693E00



005866



005292

Sweetspot

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



891D2B



B3888D



7B1D89



593F43



D9D9D9



595959

Same Dimension

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



891D2B



B3091F



89451D



453E3F



850011



050001

Inverse Universe

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



891D2B



B3091F



1D6189



453E3F



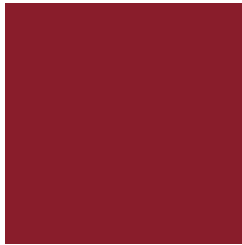
850011



050001

Previews

White Background



This preview shows how the Hex color 891D2B looks on a white background.

Color Contrast Check

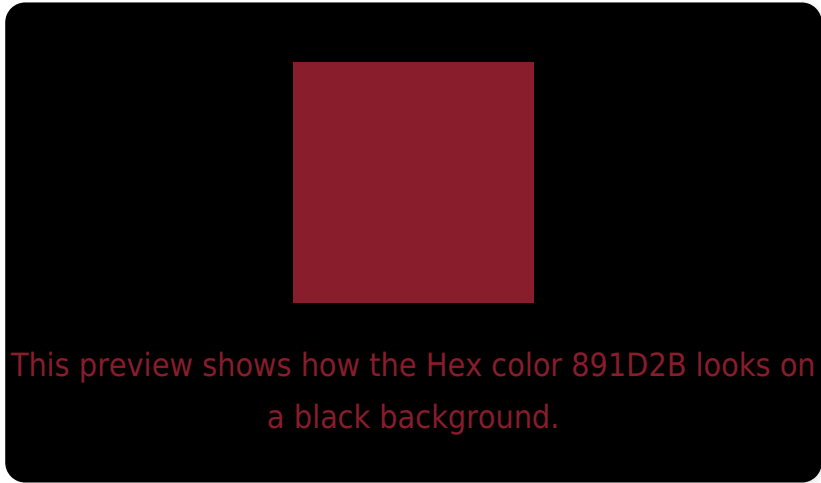
Large Text (above 18pt) WCAG AA ✓ Pass

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 891D2B Background



This preview shows how black text looks on a background with the Hex color 891D2B.

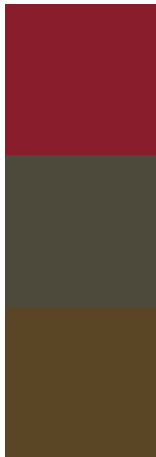


This preview shows how white text looks on a background with the Hex color 891D2B.

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
891D2B

Protanopia
4D493B

Deuteranopia
5A4625



Tritanopia
891F20

Trichromacy



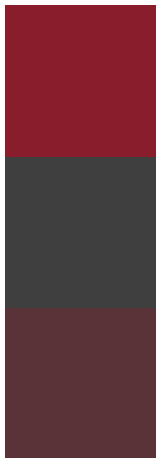
Original Color
891D2B

Protanomaly
633935

Deuteranomaly
6B3727

Tritanomaly
891E24

Monochromacy



Original Color
891D2B

Achromatopsia
3F3F3F

Achromatomaly
5A3338

CSS Examples

Text

The CSS property to change the color of the text to Hex 891D2B 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 #891D2B looks like.

```
.text, #text, p{  
    color:#891D2B  
}
```

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 #891D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891D2B
}
```

Border

The CSS property to change the border of an element to Hex 891D2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

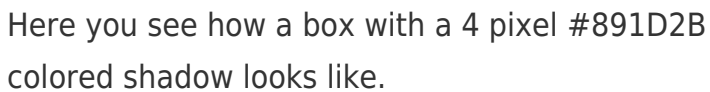
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#891D2B }
```

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

```
.border{ border-color:#891D2B }
```

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



Here you see how a box with a 4 pixel #891D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891D2B; -webkit-box-shadow:4px 4px  
4px 4px #891D2B; box-shadow:4px 4px 4px  
4px #891D2B }
```

Background

The CSS property to change the background color of an element to Hex 891D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891D2B }
```

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

```
.background{ background-color:#891D2B }
```

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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