

Converting Colors

Hex(891D91)

Have a look what the booklet for
Hex(891D91) contains.

Hex(891D91)	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(891D91)

Conversions

Conversions Part 1

Format	Color
Hex	891D91
RGB	137, 29, 145
RGB Percent	54%, 11%, 57%
CMY	0.4627, 0.8863, 0.4314
CMYK	0.06, 0.80, 0.00, 0.43
HSL	296°, 67%, 34%
HSV	296°, 80%, 57%
XYZ	15.8667, 8.2414, 27.5425
YIQ	74.5160, 27.1320, 58.9720

Conversions

Conversions Part 2

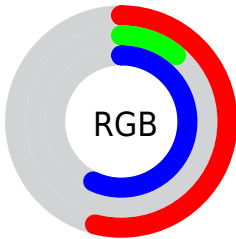
Format	Color
R_{YB}	137, 29, 145
Decimal	8986001
CIE _{Lab}	34.48, 57.72, -39.45
CIE _{LCh}	34, 69.913, 325.648
Yxy	8.2414, 0.3072, 0.1596
Android (android.graphics.Color)	4287176081 (0xFF891D91)
YUV	74.5160, 34.7486, 54.7985
Hunter-Lab	28.7079, 48.4174, -36.7877

Details

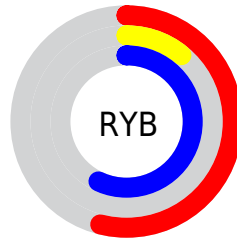
The Hex color **891D91** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **25911D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C257C7**, and **53005E** is the 20% darker color. If you saturate the color by 10%, you get **880E91**, and if you desaturate by 10%, it is **8A2C91**.

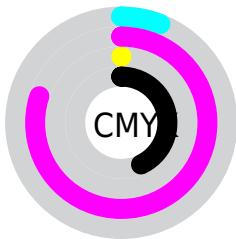
Distribution



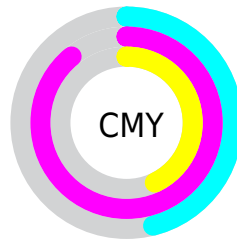
- Red (54%)
- Green (11%)
- Blue (57%)



- Red (54%)
- Yellow (11%)
- Blue (57%)



- Cyan (6%)
- Magenta (80%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (89%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 891D91 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 891D91 by changing the saturation by 10% instead.

891D91

891D91

FFFFFF

6E0077

C257C7

53005E

DF73E4

390046

FC8EFF

1F002E

FFAAFF

000118

FFC6FF

000000

FFE3FF

891D91

891D91

880E91

8A2C91

870091

8B3A91

8C4991

8D5791

8E6691

8F7491

908391

919191

92A091

Harmonies

Analogous

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



2646B7



891D91



AA005C

Triad

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



891D91



6B4C00



006780

Complementary

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



891D91



25911D

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.



006647



891D91



355C00

Square

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



891D91



933000



006301



0065AE

Rectangle

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



891D91



AE0037



006301



00676E

Sweetspot

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



891D91



BA8FBD



1D2791



5C435E



DEDEDE



5E5E5E

Same Dimension

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



891D91



B008BD



911D61



474047



7E0087



070008

Inverse Universe

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



911D25



BD0814



1D914D



474041



870009



080001

Previews

White Background



This preview shows how the Hex color 891D91 looks on a white background.

Color Contrast Check

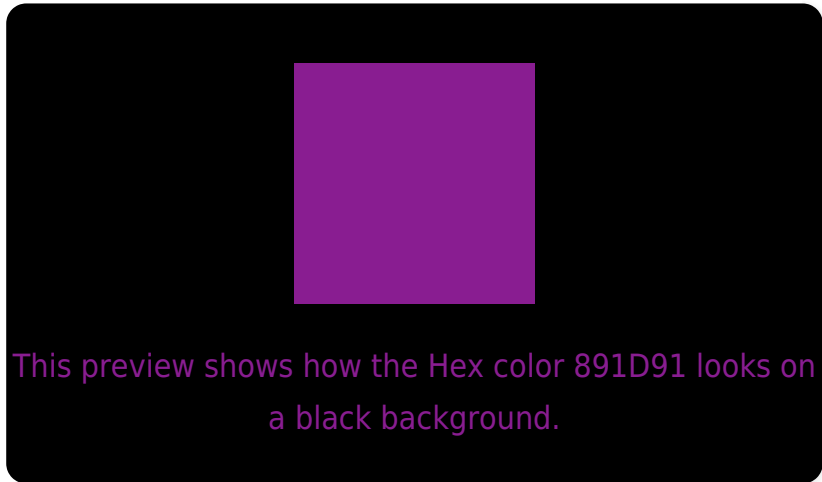
Large Text (above 18pt) WCAG AA ✓ Pass

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

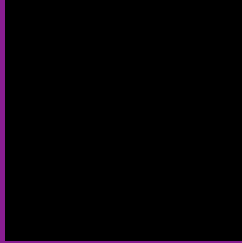
Any Text WCAG AA × Fail

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 891D91 Background



This preview shows how black text looks on a background with the Hex color 891D91.

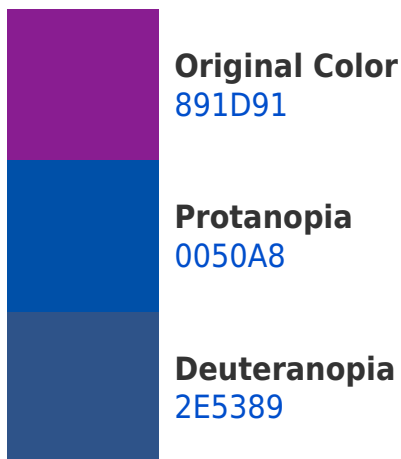


This preview shows how white text looks on a background with the Hex color 891D91.

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
803E42

Trichromacy



Original Color
891D91



Protanomaly
323DA0



Deuteranomaly
4F3F8C



Tritanomaly
83325F

Monochromacy



Original Color
891D91



Achromatopsia
4B4B4B



Achromatomaly
623A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 891D91 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 #891D91 looks like.

```
.text, #text, p{  
    color:#891D91  
}
```

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 #891D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891D91
}
```

Border

The CSS property to change the border of an element to Hex 891D91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

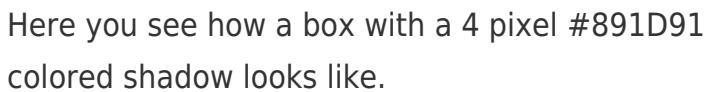
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#891D91 }
```

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

```
.border{ border-color:#891D91 }
```

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



Here you see how a box with a 4 pixel #891D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891D91; -webkit-box-shadow:4px 4px  
4px 4px #891D91; box-shadow:4px 4px 4px  
4px #891D91 }
```

Background

The CSS property to change the background color of an element to Hex 891D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891D91 }
```

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

```
.background{ background-color:#891D91 }
```

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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