

Converting Colors

Hex(851D71)

Have a look what the booklet for
Hex(851D71) contains.

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Color

Hex(851D71)

Conversions

Conversions Part 1

Format	Color
Hex	851D71
RGB	133, 29, 113
RGB Percent	52%, 11%, 44%
CMY	0.4784, 0.8863, 0.5569
CMYK	0.00, 0.78, 0.15, 0.48
HSL	312°, 64%, 32%
HSV	312°, 78%, 52%
XYZ	13.0929, 7.0575, 16.2950
YIQ	69.6720, 35.0200, 48.1720

Conversions

Conversions Part 2

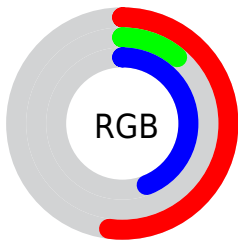
Format	Color
R_{YB}	133, 29, 113
Decimal	8723825
CIE _{Lab}	31.94, 51.60, -23.53
CIE _{LCh}	32, 56.713, 335.483
Yxy	7.0575, 0.3592, 0.1936
Android (android.graphics.Color)	4286913905 (0xFF851D71)
YUV	69.6720, 21.3607, 55.5387
Hunter-Lab	26.5660, 41.4819, -17.7709

Details

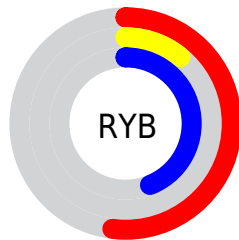
The Hex color **851D71** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1D8531**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BD55A5**, and **4F0041** is the 20% darker color. If you saturate the color by 10%, you get **85106E**, and if you desaturate by 10%, it is **852A74**.

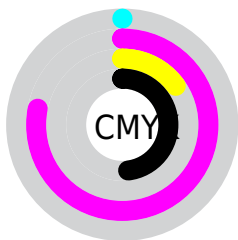
Distribution



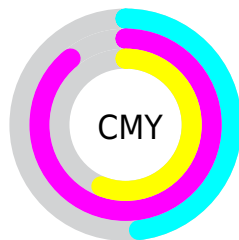
- Red (52%)
- Green (11%)
- Blue (44%)



- Red (52%)
- Yellow (11%)
- Blue (44%)



- Cyan (0%)
- Magenta (78%)
- Yellow (15%)
- Black (48%)



- Cyan (48%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851D71 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 851D71 by changing the saturation by 10% instead.

 851D71

 851D71

FFFFFF

 6A0058

 BD55A5

 4F0041

 DA70C0

 37002B

 F78BDC

 190015

 FFA7F9

 000000

 FFC3FF

 FFE0FF

 FFFDFF

 851D71

 851D71

■ 85106E

■ 852A74

■ 85026C

■ 853876

■ 85006B

■ 854579

■ 85527B

■ 855F7E

■ 856D80

■ 857A83

■ 858785

■ 859588

Harmonies

Analogous

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



523B95



851D71



970345

Triad

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



851D71



564C00



005D7E

Complementary

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



851D71



1D8531

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.



005E52



851D71



245600

Square

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



851D71



793A00



005C23



00599D

Rectangle

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



851D71



951428



005C23



005E71

Sweetspot

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



851D71



AD86A6



301D85



573E52



D6D6D6



575757

Same Dimension

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



851D71



AD0A8E



851D3E



423C41



820069



030002

Inverse Universe

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



851D71



AD0A8E



1D8564



423C41



820069



030002

Previews

White Background



This preview shows how the Hex color 851D71 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

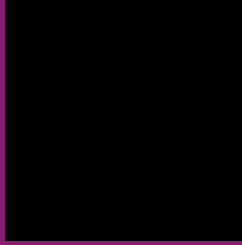
Any Text WCAG AA × Fail

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 851D71 Background



This preview shows how black text looks on a background with the Hex color 851D71.

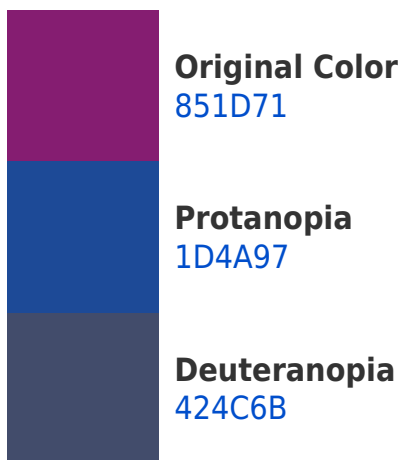



This preview shows how white text looks on a background with the Hex color 851D71.

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
803336

Trichromacy



Original Color
851D71



Protanomaly
433A89



Deuteranomaly
5A3B6D



Tritanomaly
822B4B

Monochromacy



Original Color
851D71



Achromatopsia
464646



Achromatomaly
5D3756

CSS Examples

Text

The CSS property to change the color of the text to Hex 851D71 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 #851D71 looks like.

```
.text, #text, p{  
    color:#851D71  
}
```

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 #851D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851D71
}
```

Border

The CSS property to change the border of an element to Hex 851D71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

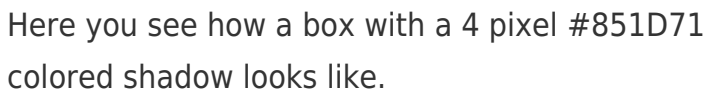
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851D71 }
```

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

```
.border{ border-color:#851D71 }
```

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



Here you see how a box with a 4 pixel #851D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851D71; -webkit-box-shadow:4px 4px  
4px 4px #851D71; box-shadow:4px 4px 4px  
4px #851D71 }
```

Background

The CSS property to change the background color of an element to Hex 851D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851D71 }
```

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

```
.background{ background-color:#851D71 }
```

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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