

Converting Colors

Hex(831F6A)

Have a look what the booklet for
Hex(831F6A) contains.

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Color

Hex(831F6A)

Conversions

Conversions Part 1

Format	Color
Hex	831F6A
RGB	131, 31, 106
RGB Percent	51%, 12%, 42%
CMY	0.4863, 0.8784, 0.5843
CMYK	0.00, 0.76, 0.19, 0.49
HSL	315°, 62%, 32%
HSV	315°, 76%, 51%
XYZ	12.4516, 6.8459, 14.3008
YIQ	69.4500, 35.5250, 44.5250

Conversions

Conversions Part 2

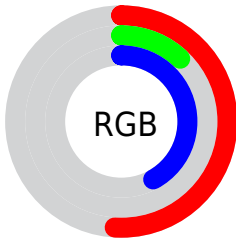
Format	Color
R_{YB}	131, 31, 106
Decimal	8593258
CIE _{Lab}	31.45, 49.40, -19.85
CIE _{LCh}	31, 53.238, 338.112
Yxy	6.8459, 0.3706, 0.2038
Android (android.graphics.Color)	4286783338 (0xFF831F6A)
YUV	69.4500, 18.0191, 53.9793
Hunter-Lab	26.1646, 39.1589, -14.0909

Details

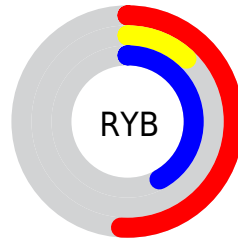
The Hex color **831F6A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1F8338**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BB569E**, and **4E003A** is the 20% darker color. If you saturate the color by 10%, you get **831267**, and if you desaturate by 10%, it is **832C6D**.

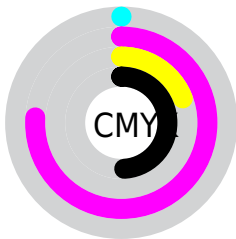
Distribution



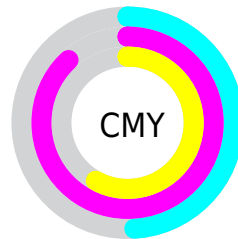
- Red (51%)
- Green (12%)
- Blue (42%)



- Red (51%)
- Yellow (12%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 831F6A 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 831F6A by changing the saturation by 10% instead.

 831F6A

 831F6A

FFFFFF

 680052

 BB569E

 4E003A

 D871B9

 360025

 F58CD4

 16000D

 FFA7F1

 000000

 FFC3FF

 FFE0FF

 FFFDFF

 831F6A

 831F6A

■ 831267

■ 832C6D

■ 830563

■ 833971

■ 830062

■ 834674

■ 835377

■ 83617A

■ 836E7E

■ 837B81

■ 838884

■ 839587

Harmonies

Analogous

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



57398C



831F6A



921041

Triad

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



831F6A



514C00



005B7D

Complementary

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



831F6A



1F8338

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.



005C55



831F6A



215500

Square

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



831F6A



733C00



005A29



005798

Rectangle

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



831F6A



8F1D26



005A29



005C70

Sweetspot

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



831F6A



AB84A1



381F83



573E51



D6D6D6



575757

Same Dimension

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



831F6A



AB0E84



831F38



423C41



820062



030002

Inverse Universe

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



831F6A



AB0E84



1F836A



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 831F6A looks on a white background.

Color Contrast Check

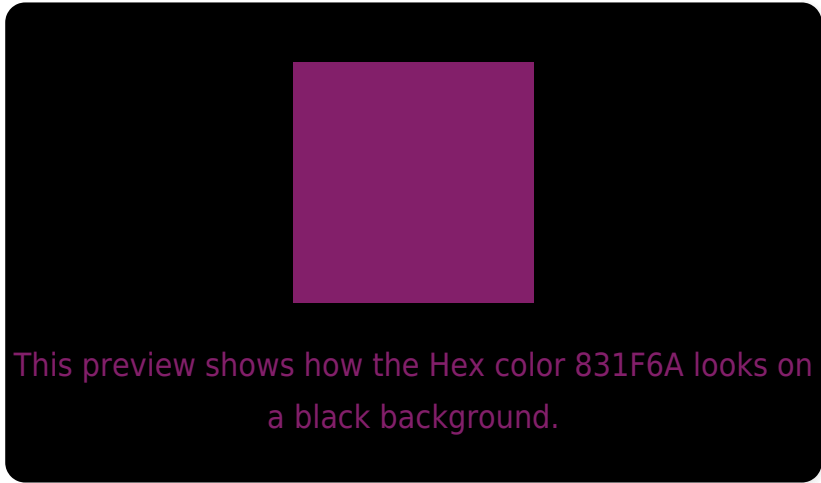
Large Text (above 18pt) WCAG AA ✓ Pass

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

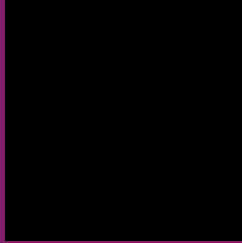
Any Text WCAG AA × Fail

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 831F6A Background



This preview shows how black text looks on a background with the Hex color 831F6A.




This preview shows how white text looks on a background with the Hex color 831F6A.

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
7E3134

Trichromacy



Original Color
831F6A



Protanomaly
4A3A80



Deuteranomaly
5C3A66



Tritanomaly
802A48

Monochromacy



Original Color
831F6A



Achromatopsia
454545



Achromatomaly
5C3752

CSS Examples

Text

The CSS property to change the color of the text to Hex 831F6A 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 #831F6A looks like.

```
.text, #text, p{  
    color:#831F6A  
}
```

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 #831F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831F6A
}
```

Border

The CSS property to change the border of an element to Hex 831F6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

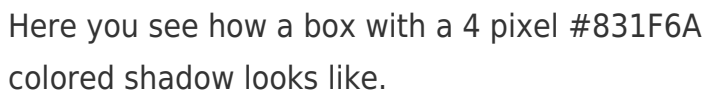
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#831F6A }
```

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

```
.border{ border-color:#831F6A }
```

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



Here you see how a box with a 4 pixel #831F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831F6A; -webkit-box-shadow:4px 4px  
4px 4px #831F6A; box-shadow:4px 4px 4px  
4px #831F6A }
```

Background

The CSS property to change the background color of an element to Hex 831F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831F6A }
```

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

```
.background{ background-color:#831F6A }
```

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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