

Converting Colors

Hex(B81A03)

Have a look what the booklet for
Hex(B81A03) contains.

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Color

Hex(**B81A03**)

Conversions

Conversions Part 1

Format	Color
Hex	B81A03
RGB	184, 26, 3
RGB Percent	72%, 10%, 1%
CMY	0.2784, 0.8980, 0.9882
CMYK	0.00, 0.86, 0.98, 0.28
HSL	8°, 97%, 37%
HSV	8°, 98%, 72%
XYZ	20.1530, 10.9357, 1.1348
YIQ	70.6200, 101.5510, 26.3430

Conversions

Conversions Part 2

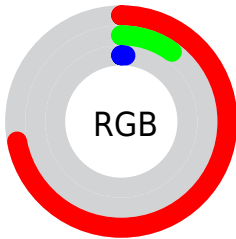
Format	Color
RYB	184, 29, 3
Decimal	12065283
CIELab	39.47, 59.05, 51.95
CIElCh	39, 78.651, 41.344
Yxy	10.9357, 0.6254, 0.3394
Android (android.graphics.Color)	4290255363 (0xFFB81A03)
YUV	70.6200, -33.3367, 99.4343
Hunter-Lab	33.0692, 50.9102, 21.1139

Details

The Hex color **B81A03** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **03A1B8**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **F95936**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B81700**, and if you desaturate by 10%, it is **B82A15**.

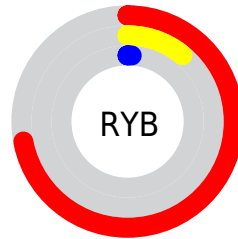
Distribution



Red (72%)

Green (10%)

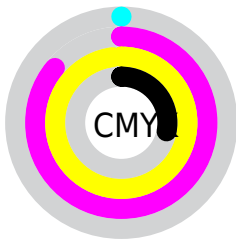
Blue (1%)



Red (72%)

Yellow (11%)

Blue (1%)

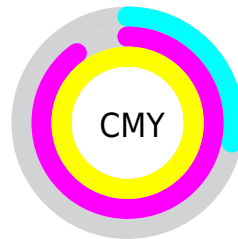


Cyan (0%)

Magenta (86%)

Yellow (98%)

Black (28%)



Cyan (28%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81A03 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 B81A03 by changing the saturation by 10% instead.

 B81A03

 B81A03

 FFFFEF

 980000

 F95936

 790000

 FF764E

 5A0000

 FF9267

 3F0003

 FFAE81

 1B0001

 FFCB9B

 000000

 FFE8B7

 FFFFD3

 B81A03

 B81A03

 B81700

 B82A15

 B83A28

 B84A3A

 B85A4D

 B86A5F

 B87A71

 B88A84

 B89A96

 B8ABA9

Harmonies

Analogous

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



C80048



B81A03



924A00

Triad

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



B81A03



007430



005EDD

Complementary

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



B81A03



03A1B8

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.



0070D9



B81A03



007675

Square

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



B81A03



006E00



0076B2



783BBF

Rectangle

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



B81A03



705C00



0076B2



0066E0

Sweetspot

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



B81A03



F0B1A8



B803A3



78524D



F7F7F7



787878

Same Dimension

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



B81A03



F01E00



B87303



5C5453



9C1400



1C0400

Inverse Universe

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



03A1B8



00D1F0



0348B8



535B5C



00889C



00181C

Previews

White Background



This preview shows how the Hex color B81A03 looks on a white background.

Color Contrast Check

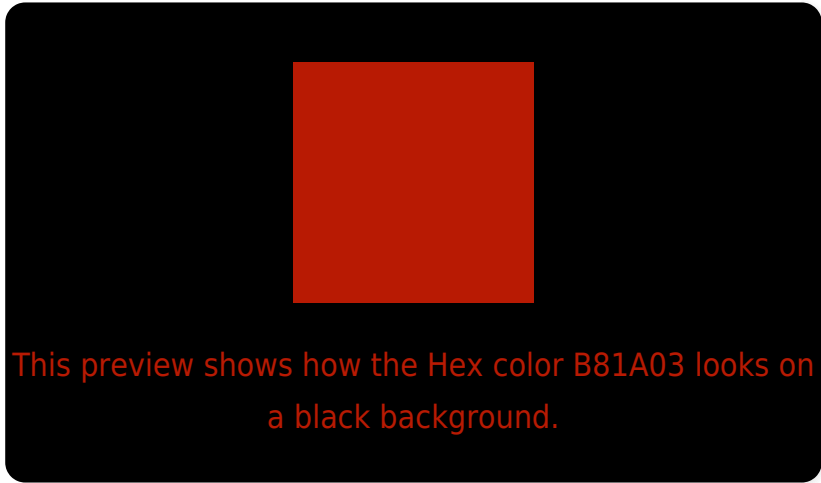
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

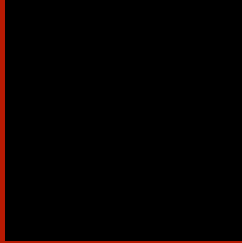
Any Text WCAG AA × Fail

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 B81A03 Background



This preview shows how black text looks on a background with the Hex color B81A03.



This preview shows how white text looks on a background with the Hex color B81A03.

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
B81A03

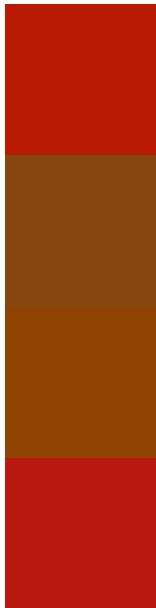
Protanopia
6A5F17

Deuteranopia
775A00



Tritanopia
B81915

Trichromacy



Original Color
B81A03

Protanomaly
864610

Deuteranomaly
8F4301

Tritanomaly
B8190E

Monochromacy



Original Color
B81A03

Achromatopsia
474747

Achromatomaly
70372E

CSS Examples

Text

The CSS property to change the color of the text to Hex B81A03 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 #B81A03 looks like.

```
.text, #text, p{  
    color:#B81A03  
}
```

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 #B81A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81A03
}
```

Border

The CSS property to change the border of an element to Hex B81A03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

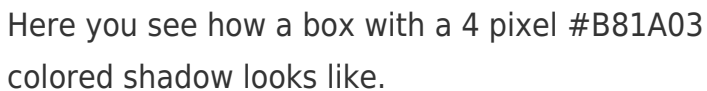
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B81A03 }
```

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

```
.border{ border-color:#B81A03 }
```

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



Here you see how a box with a 4 pixel #B81A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81A03; -webkit-box-shadow:4px 4px  
4px 4px #B81A03; box-shadow:4px 4px 4px  
4px #B81A03 }
```

Background

The CSS property to change the background color of an element to Hex B81A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81A03 }
```

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

```
.background{ background-color:#B81A03 }
```

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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