

Converting Colors

Hex(B82431)

Have a look what the booklet for
Hex(B82431) contains.

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Color

Hex(B82431)

Conversions

Conversions Part 1

Format	Color
Hex	B82431
RGB	184, 36, 49
RGB Percent	72%, 14%, 19%
CMY	0.2784, 0.8588, 0.8078
CMYK	0.00, 0.80, 0.73, 0.28
HSL	355°, 67%, 43%
HSV	355°, 80%, 72%
XYZ	20.9524, 11.6739, 4.0547
YIQ	81.7340, 84.0350, 35.4190

Conversions

Conversions Part 2

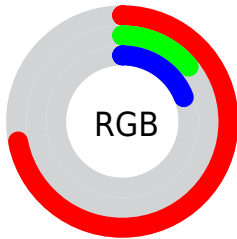
Format	Color
RYB	184, 36, 49
Decimal	12067889
CIELab	40.69, 57.68, 30.96
CIElCh	41, 65.460, 28.225
Yxy	11.6739, 0.5712, 0.3183
Android (android.graphics.Color)	4290257969 (0xFFB82431)
YUV	81.7340, -16.1379, 89.6873
Hunter-Lab	34.1670, 49.6702, 16.8808

Details

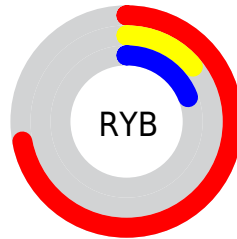
The Hex color **B82431** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **24B8AB**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F7605F**, and **7B0004** is the 20% darker color. If you saturate the color by 10%, you get **B81220**, and if you desaturate by 10%, it is **B83642**.

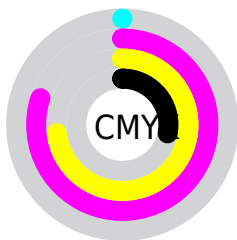
Distribution



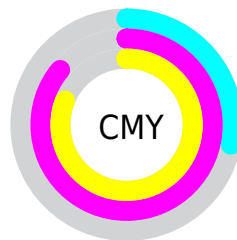
- Red (72%)
- Green (14%)
- Blue (19%)



- Red (72%)
- Yellow (14%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (73%)
- Black (28%)



- Cyan (28%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B82431 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 B82431 by changing the saturation by 10% instead.

 B82431

 B82431

FFFFFF

 99001C

 F7605F

 7B0004

 FF7C78

 5D0000

 FF9892

 410003

 FFB4AC

 1F0001

 FFD1C8

 000000

 FFEFE4

 B82431

 B82431

 B81220

 B83642

 B80010

 B84953

 B85B63

 B86E74

 B88085

 B89296

 B8A5A6

 B8B7B7

 B8CAC8

Harmonies

Analogous

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



B91166



B82431



A04500

Triad

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



B82431



007321



0068CD

Complementary

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



B82431



24B8AB

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.



0073BB



B82431



00765B

Square

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



B82431



436B00



007792



5053C0

Rectangle

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



B82431



865600



007792



006DCA

Sweetspot

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



B82431



F0B6BB



A924B8



785558



F7F7F7



787878

Same Dimension

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



B82431



F0071C



B85F24



5C5353



9C000E



1C0002

Inverse Universe

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



B82431



F0071C



247DB8



5C5353



9C000E



1C0002

Previews

White Background



This preview shows how the Hex color B82431 looks on a white background.

Color Contrast Check

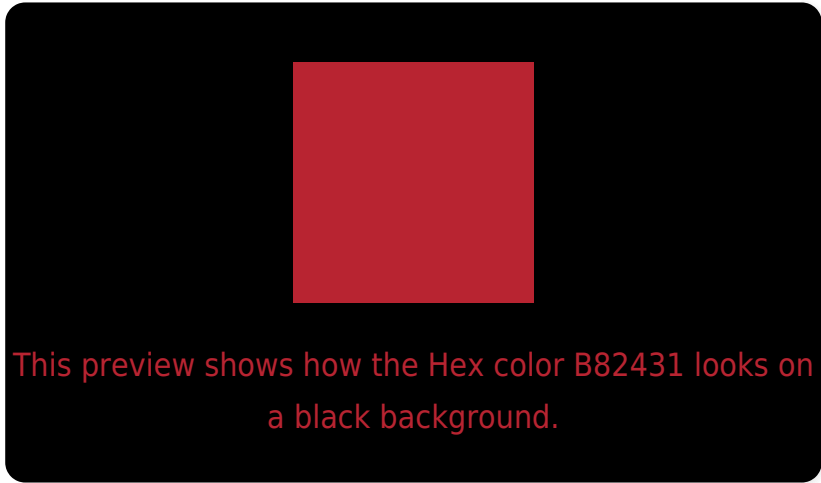
Large Text (above 18pt) WCAG AA ✓ Pass

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 B82431 Background



This preview shows how black text looks on a background with the Hex color B82431.



This preview shows how white text looks on a background with the Hex color B82431.

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
B82431

Protanopia
696145

Deuteranopia
795C28



Tritanopia
B82626

Trichromacy



Original Color
B82431

Protanomaly
864B3E

Deuteranomaly
90482B

Tritanomaly
B8252A

Monochromacy



Original Color
B82431

Achromatopsia
525252

Achromatomaly
774146

CSS Examples

Text

The CSS property to change the color of the text to Hex B82431 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 #B82431 looks like.

```
.text, #text, p{  
    color:#B82431  
}
```

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 #B82431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B82431
}
```

Border

The CSS property to change the border of an element to Hex B82431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

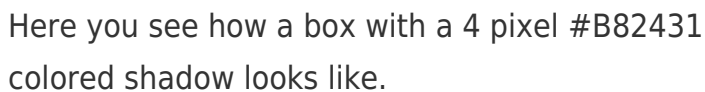
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B82431 }
```

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

```
.border{ border-color:#B82431 }
```

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



Here you see how a box with a 4 pixel #B82431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B82431; -webkit-box-shadow:4px 4px  
4px 4px #B82431; box-shadow:4px 4px 4px  
4px #B82431 }
```

Background

The CSS property to change the background color of an element to Hex B82431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B82431 }
```

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

```
.background{ background-color:#B82431 }
```

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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