

Converting Colors

Hex(B81224)

Have a look what the booklet for
Hex(B81224) contains.

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Color

Hex(B81224)

Conversions

Conversions Part 1

Format	Color
Hex	B81224
RGB	184, 18, 36
RGB Percent	72%, 7%, 14%
CMY	0.2784, 0.9294, 0.8588
CMYK	0.00, 0.90, 0.80, 0.28
HSL	353°, 82%, 40%
HSV	353°, 90%, 72%
XYZ	20.3019, 10.7503, 2.6741
YIQ	69.6860, 93.1580, 40.7900

Conversions

Conversions Part 2

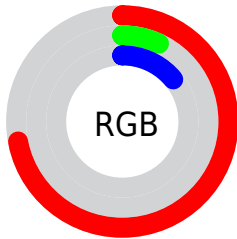
Format	Color
RYB	184, 18, 36
Decimal	12063268
CIELab	39.16, 61.14, 36.96
CIElCh	39, 71.445, 31.156
Yxy	10.7503, 0.6020, 0.3188
Android (android.graphics.Color)	4290253348 (0xFFB81224)
YUV	69.6860, -16.6072, 100.2534
Hunter-Lab	32.7877, 53.1474, 18.1159

Details

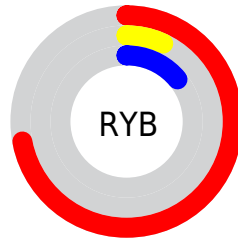
The Hex color **B81224** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **12B8A6**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **F85651**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B80014**, and if you desaturate by 10%, it is **B82434**.

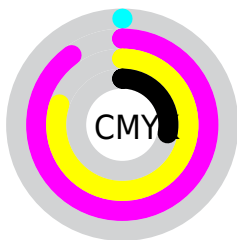
Distribution



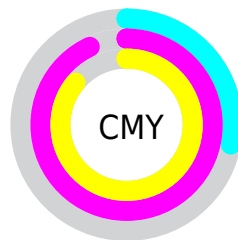
- Red (72%)
- Green (7%)
- Blue (14%)



- Red (72%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (80%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B81224 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 B81224 by changing the saturation by 10% instead.

 B81224

 B81224

FFFFFF

 99000F

 F85651

 7A0000

 FF736A

 5B0000

 FF8F83

 3F0003

 FFAC9D

 1C0001

 FFC9B8

 000000

 FFE6D4

 FFFFF0

 B81224

 B81224

 B80014

 B82434

 B83745

 B84955

 B85C66

 B86E76

 B88086

 B89397

 B8A5A7

 B8B8B8

Harmonies

Analogous

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



BD005D



B81224



9B4100

Triad

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



B81224



00701D



0064D3

Complementary

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



B81224



12B8A6

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.



0070C3



B81224



00735D

Square

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



B81224



326900



007498



534BC1

Rectangle

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



B81224



7F5400



007498



0069D1

Sweetspot

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



B81224



F0AFB6



A512B8



785156



F7F7F7



787878

Same Dimension

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



B81224



F0001A



B85212



5C5354



9C0011



1C0003

Inverse Universe

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



B81224



F0001A



1278B8



5C5354



9C0011



1C0003

Previews

White Background



This preview shows how the Hex color B81224 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 B81224 Background



This preview shows how black text looks on a background with the Hex color B81224.

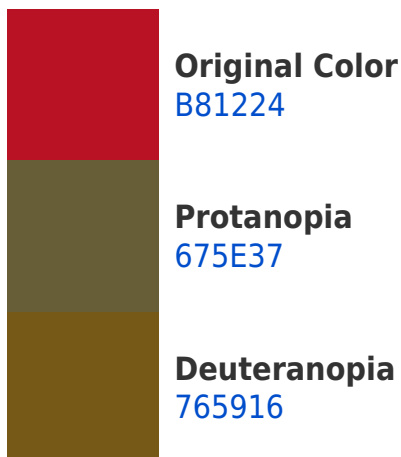


This preview shows how white text looks on a background with the Hex color B81224.

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
B81611

Trichromacy



Original Color
B81224

Protanomaly
844230

Deuteranomaly
8E3F1B

Tritanomaly
B81518

Monochromacy



Original Color
B81224

Achromatopsia
464646

Achromatomaly
6F333A

CSS Examples

Text

The CSS property to change the color of the text to Hex B81224 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 #B81224 looks like.

```
.text, #text, p{  
    color:#B81224  
}
```

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 #B81224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81224
}
```

Border

The CSS property to change the border of an element to Hex B81224 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".

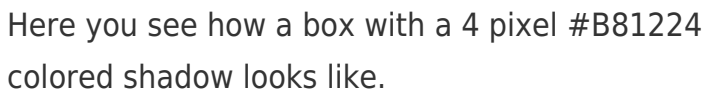
```
.border, #border, table{ border:4px solid
#B81224 }
```

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

```
.border{ border-color:#B81224 }
```

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

Here you see how a box with a 4 pixel #B81224 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81224; -webkit-box-shadow:4px 4px  
4px 4px #B81224; box-shadow:4px 4px 4px  
4px #B81224 }
```

Background

The CSS property to change the background color of an element to Hex B81224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81224 }
```

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

```
.background{ background-color:#B81224 }
```

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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