

Converting Colors

Hex(8B1229)

Have a look what the booklet for
Hex(8B1229) contains.

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Color

Hex(8B1229)

Conversions

Conversions Part 1

Format	Color
Hex	8B1229
RGB	139, 18, 41
RGB Percent	55%, 7%, 16%
CMY	0.4549, 0.9294, 0.8392
CMYK	0.00, 0.87, 0.71, 0.45
HSL	349°, 77%, 31%
HSV	349°, 87%, 55%
XYZ	11.2640, 6.0817, 2.6780
YIQ	56.8010, 64.7330, 32.8050

Conversions

Conversions Part 2

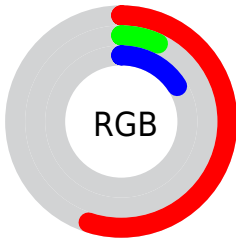
Format	Color
RYB	139, 18, 41
Decimal	9114153
CIELab	29.62, 48.97, 20.49
CIElCh	30, 53.082, 22.704
Yxy	6.0817, 0.5625, 0.3037
Android (android.graphics.Color)	4287304233 (0xFF8B1229)
YUV	56.8010, -7.7899, 72.0885
Hunter-Lab	24.6611, 38.3735, 10.8242

Details

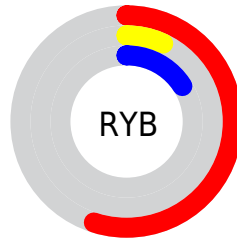
The Hex color **8B1229** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128B74**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C64D56**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8B041E**, and if you desaturate by 10%, it is **8B2034**.

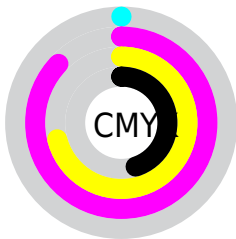
Distribution



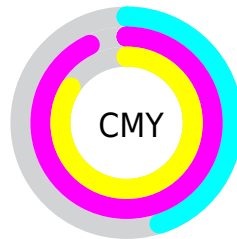
- Red (55%)
- Green (7%)
- Blue (16%)



- Red (55%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (71%)
- Black (45%)



- Cyan (45%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B1229 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 8B1229 by changing the saturation by 10% instead.

 8B1229

 8B1229

FFFFFF

 6E0015

 C64D56

 510000

 E5686E

 370002

 FF8388

 0B0000

 FF9FA2

 000000

 FFBBBD

 FFD7D9

 FFF4F5

 8B1229

 8B1229

■ 8B041E

■ 8B2034

■ 8B001A

■ 8B2E40

■ 8B3C4B

■ 8B4A56

■ 8B5761

■ 8B656D

■ 8B7378

■ 8B8183

■ 8B8F8E

Harmonies

Analogous

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



880B52



8B1229



7B2D00

Triad

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



8B1229



00530C



004E98

Complementary

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



8B1229



128B74

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.



005587



8B1229



00573A

Square

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



8B1229



394D00



005765



243F93

Rectangle

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



8B1229



693B00



005765



005195

Sweetspot

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



8B1229



B5868F



73128B



5C3F45



DBDBDB



5C5C5C

Same Dimension

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



8B1229



B50022



8B3612



453E3F



850019



050001

Inverse Universe

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



8B1229



B50022



12678B



453E3F



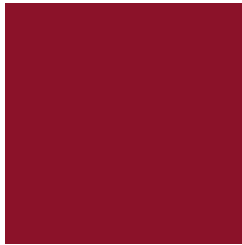
850019



050001

Previews

White Background



This preview shows how the Hex color 8B1229 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 8B1229 Background



This preview shows how black text looks on a background with the Hex color 8B1229.

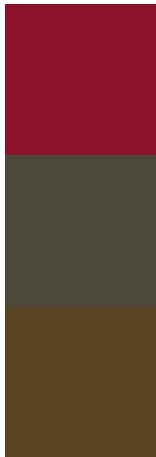


This preview shows how white text looks on a background with the Hex color 8B1229.

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
8B1229

Protanopia
4C483B

Deuteranopia
594422



Tritanopia
8A1716

Trichromacy



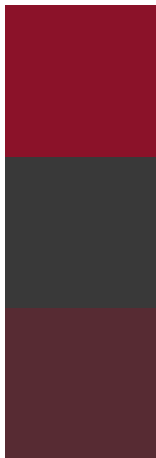
Original Color
8B1229

Protanomaly
633434

Deuteranomaly
6B3225

Tritanomaly
8A151D

Monochromacy



Original Color
8B1229

Achromatopsia
393939

Achromatomaly
572B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B1229 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 #8B1229 looks like.

```
.text, #text, p{  
    color:#8B1229  
}
```

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 #8B1229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1229
}
```

Border

The CSS property to change the border of an element to Hex 8B1229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

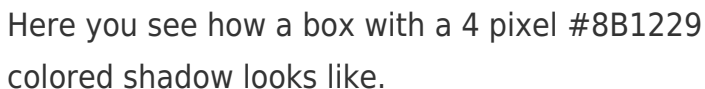
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B1229 }
```

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

```
.border{ border-color:#8B1229 }
```

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



Here you see how a box with a 4 pixel #8B1229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1229; -webkit-box-shadow:4px 4px  
4px 4px #8B1229; box-shadow:4px 4px 4px  
4px #8B1229 }
```

Background

The CSS property to change the background color of an element to Hex 8B1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1229 }
```

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

```
.background{ background-color:#8B1229 }
```

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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