

Converting Colors

Hex(802119)

Have a look what the booklet for
Hex(802119) contains.

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Color

Hex(802119)

Conversions

Conversions Part 1

Format	Color
Hex	802119
RGB	128, 33, 25
RGB Percent	50%, 13%, 10%
CMY	0.4980, 0.8706, 0.9020
CMYK	0.00, 0.74, 0.80, 0.50
HSL	5°, 67%, 30%
HSV	5°, 80%, 50%
XYZ	9.6214, 5.7471, 1.5219
YIQ	60.4930, 59.1880, 17.6520

Conversions

Conversions Part 2

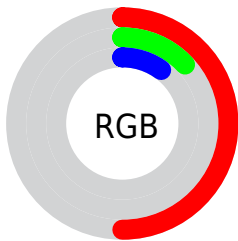
Format	Color
RYB	128, 34, 25
Decimal	8397081
CIELab	28.77, 40.07, 29.00
CIElCh	29, 49.467, 35.897
Yxy	5.7471, 0.5696, 0.3403
Android (android.graphics.Color)	4286587161 (0xFF802119)
YUV	60.4930, -17.4980, 59.2036
Hunter-Lab	23.9731, 29.6866, 13.0172

Details

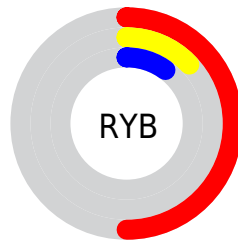
The Hex color **802119** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **197880**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BB5545**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **80150C**, and if you desaturate by 10%, it is **802D26**.

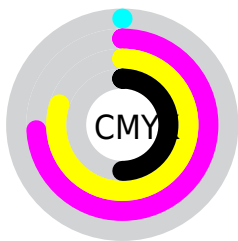
Distribution



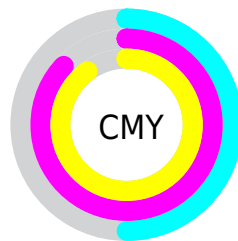
- Red (50%)
- Green (13%)
- Blue (10%)



- Red (50%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802119 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 802119 by changing the saturation by 10% instead.

 802119

 802119

FFFFFFE

 640000

 BB5545

 470000

 D96E5D

 2E0002

 F78976

 000000

 FFA48F

 FFC0AA

 FFDCC5

 FFF9E1

 802119

 802119

■ 80150C

■ 802D26

■ 800A00

■ 803933

■ 80443F

■ 80504C

■ 805C59

■ 806866

■ 807473

■ 807F7F

■ 808B8C

Harmonies

Analogous

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



85103E



802119



6C3600

Triad

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



802119



005222



004691

Complementary

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



802119



197880

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.



00508A



802119



00544B

Square

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



802119



234E00



005470



4C3682

Rectangle

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



802119



584000



005470



004A91

Sweetspot

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



802119



A6817E



801979



543E3C



D4D4D4



545454

Same Dimension

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



802119



A61105



805319



403A39



800A00



000000

Inverse Universe

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



197880



0599A6



194680



393F40



007680



000000

Previews

White Background



This preview shows how the Hex color 802119 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 802119 Background



This preview shows how black text looks on a background with the Hex color 802119.



This preview shows how white text looks on a background with the Hex color 802119.

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
802119

Protanopia
4D4523

Deuteranopia
574210

Trichromacy



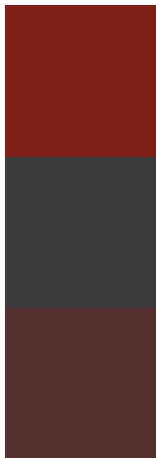
Original Color
802119

Protanomaly
60381F

Deuteranomaly
663613

Tritanomaly
80201E

Monochromacy



Original Color
802119

Achromatopsia
3C3C3C

Achromatomaly
55322F

CSS Examples

Text

The CSS property to change the color of the text to Hex 802119 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 #802119 looks like.

```
.text, #text, p{  
    color:#802119  
}
```

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 #802119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802119
}
```

Border

The CSS property to change the border of an element to Hex 802119 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
#802119 }
```

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

```
.border{ border-color:#802119 }
```

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

Here you see how a box with a 4 pixel #802119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802119; -webkit-box-shadow:4px 4px  
4px 4px #802119; box-shadow:4px 4px 4px  
4px #802119 }
```

Background

The CSS property to change the background color of an element to Hex 802119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802119 }
```

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

```
.background{ background-color:#802119 }
```

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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