

Converting Colors

Hex(801212)

Have a look what the booklet for
Hex(801212) contains.

Hex(801212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(801212)

Conversions

Conversions Part 1

Format	Color
Hex	801212
RGB	128, 18, 18
RGB Percent	50%, 7%, 7%
CMY	0.4980, 0.9294, 0.9294
CMYK	0.00, 0.86, 0.86, 0.50
HSL	0°, 75%, 29%
HSV	0°, 86%, 50%
XYZ	9.2276, 5.0655, 1.0637
YIQ	50.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

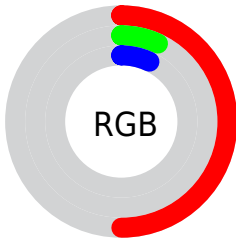
Format	Color
R_{YB}	128, 18, 18
Decimal	8393234
CIE Lab	26.92, 44.80, 31.25
CIE LCh	27, 54.620, 34.895
Yxy	5.0655, 0.6009, 0.3299
Android (android.graphics.Color)	4286583314 (0xFF801212)
YUV	50.8900, -16.2148, 67.6255
Hunter-Lab	22.5066, 33.7973, 12.9526

Details

The Hex color **801212** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **128080**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **BC4B3D**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **800505**, and if you desaturate by 10%, it is **801F1F**.

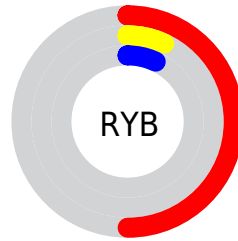
Distribution



Red (50%)

Green (7%)

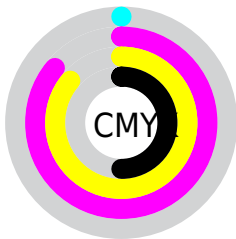
Blue (7%)



Red (50%)

Yellow (7%)

Blue (7%)

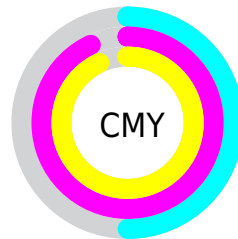


Cyan (0%)

Magenta (86%)

Yellow (86%)

Black (50%)



Cyan (50%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801212 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 801212 by changing the saturation by 10% instead.

 801212

 801212

 FFFFF4

 630000

 BC4B3D

 460000

 DA6555

 2C0001

 F97F6D

 000000

 FF9B87

 FFB6A1

 FFD3BC

 FFF0D8

 801212

 801212

■ 800505

■ 801F1F

■ 800000

■ 802C2C

■ 803838

■ 804545

■ 805252

■ 805F5F

■ 806C6C

■ 807878

■ 808585

Harmonies

Analogous

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



86003B



801212



6A2F00

Triad

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



801212



004F19



004394

Complementary

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



801212



128080

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.



004D8C



801212



005146

Square

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



801212



1B4A00



00516F



443085

Rectangle

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



801212



553C00



00516F



004894

Sweetspot

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



801212



A67B7B



801280



543A3A



D4D4D4



545454

Same Dimension

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



801212



A60000



804912



403939



800000



000000

Inverse Universe

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



128080



00A6A6



124980



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 801212 looks on a white background.

Color Contrast Check

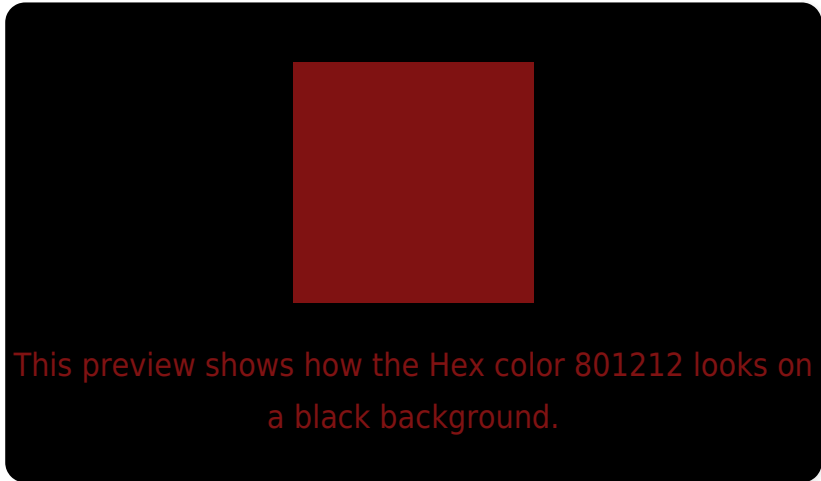
Large Text (above 18pt) WCAG AA ✓ Pass

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 801212 Background



This preview shows how black text looks on a background with the Hex color 801212.



This preview shows how white text looks on a background with the Hex color 801212.

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
801212

Protanopia
49421D

Deuteranopia
533F00

Trichromacy



Original Color

801212

Protanomaly

5D3119

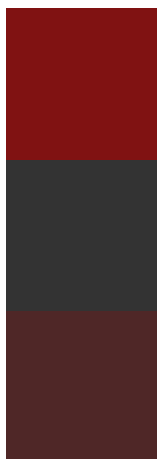
Deuteranomaly

632F07

Tritanomaly

801211

Monochromacy



Original Color

801212

Achromatopsia

333333

Achromatomaly

4F2727

CSS Examples

Text

The CSS property to change the color of the text to Hex 801212 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 #801212 looks like.

```
.text, #text, p{  
    color:#801212  
}
```

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 #801212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801212
}
```

Border

The CSS property to change the border of an element to Hex 801212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

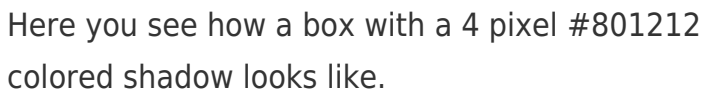
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801212 }
```

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

```
.border{ border-color:#801212 }
```

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



Here you see how a box with a 4 pixel #801212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801212; -webkit-box-shadow:4px 4px  
4px 4px #801212; box-shadow:4px 4px 4px  
4px #801212 }
```

Background

The CSS property to change the background color of an element to Hex 801212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801212 }
```

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

```
.background{ background-color:#801212 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor