

Converting Colors

Hex(802D12)

Have a look what the booklet for
Hex(802D12) contains.

Hex(802D12)	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(802D12)

Conversions

Conversions Part 1

Format	Color
Hex	802D12
RGB	128, 45, 18
RGB Percent	50%, 18%, 7%
CMY	0.4980, 0.8235, 0.9294
CMYK	0.00, 0.65, 0.86, 0.50
HSL	15°, 75%, 29%
HSV	15°, 86%, 50%
XYZ	9.9497, 6.5096, 1.3043
YIQ	66.7390, 58.1350, 9.1990

Conversions

Conversions Part 2

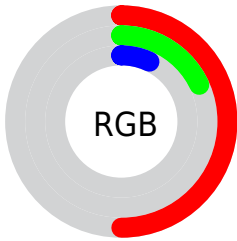
Format	Color
R_{YB}	128, 54, 18
Decimal	8400146
CIE _{Lab}	30.66, 34.51, 34.69
CIE _{LCh}	31, 48.934, 45.150
Yxy	6.5096, 0.5601, 0.3665
Android (android.graphics.Color)	4286590226 (0xFF802D12)
YUV	66.7390, -24.0283, 53.7259
Hunter-Lab	25.5140, 24.9599, 14.8287

Details

The Hex color **802D12** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **126580**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **BB5F3F**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **802305**, and if you desaturate by 10%, it is **80371F**.

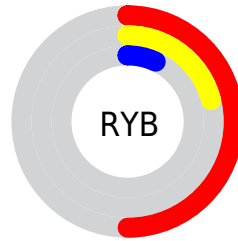
Distribution



Red (50%)

Green (18%)

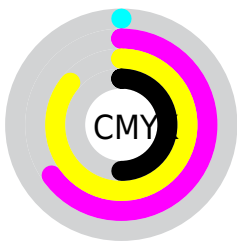
Blue (7%)



Red (50%)

Yellow (21%)

Blue (7%)

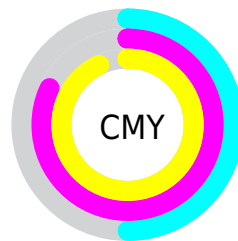


Cyan (0%)

Magenta (65%)

Yellow (86%)

Black (50%)



Cyan (50%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802D12 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 802D12 by changing the saturation by 10% instead.

 802D12

 802D12

 FFFFF8

 641300

 BB5F3F

 470000

 D97857

 2F0001

 F79370

 000000

 FFAE89

 FFCAA4

 FFE6BF

 FFFFDB

 802D12

 802D12

■ 802305

■ 80371F

■ 801F00

■ 80402C

■ 804A38

■ 805445

■ 805D52

■ 80675F

■ 80716C

■ 807A78

■ 808485

Harmonies

Analogous

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



8B1B37



802D12



683F00

Triad

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



802D12



005833



004693

Complementary

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



802D12



126580

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.



005292



802D12



00595B

Square

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



802D12



145409



00587E



61347F

Rectangle

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



802D12



534900



00587E



004B95

Sweetspot

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



802D12



A6857B



801266



54403A



D4D4D4



545454

Same Dimension

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



802D12



A62900



806312



403B39



801F00



000000

Inverse Universe

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



126580



007DA6



122F80



393E40



006080



000000

Previews

White Background



This preview shows how the Hex color 802D12 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 802D12 Background



This preview shows how black text looks on a background with the Hex color 802D12.



This preview shows how white text looks on a background with the Hex color 802D12.

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
802D12

Protanopia
524919

Deuteranopia
5D4600

Trichromacy



Original Color
802D12

Protanomaly
633F16

Deuteranomaly
6A3D07

Tritanomaly
812B23

Monochromacy



Original Color
802D12

Achromatopsia
434343

Achromatomaly
593B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 802D12 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 #802D12 looks like.

```
.text, #text, p{  
    color:#802D12  
}
```

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 #802D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802D12
}
```

Border

The CSS property to change the border of an element to Hex 802D12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

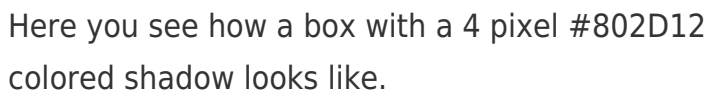
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802D12 }
```

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

```
.border{ border-color:#802D12 }
```

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



Here you see how a box with a 4 pixel #802D12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802D12; -webkit-box-shadow:4px 4px  
4px 4px #802D12; box-shadow:4px 4px 4px  
4px #802D12 }
```

Background

The CSS property to change the background color of an element to Hex 802D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802D12 }
```

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

```
.background{ background-color:#802D12 }
```

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