

Converting Colors

Hex(83130D)

Have a look what the booklet for
Hex(83130D) contains.

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Color

Hex(83130D)

Conversions

Conversions Part 1

Format	Color
Hex	83130D
RGB	131, 19, 13
RGB Percent	51%, 7%, 5%
CMY	0.4863, 0.9255, 0.9490
CMYK	0.00, 0.85, 0.90, 0.49
HSL	3°, 82%, 28%
HSV	3°, 90%, 51%
XYZ	9.6656, 5.3201, 0.8982
YIQ	51.8040, 68.6780, 21.8780

Conversions

Conversions Part 2

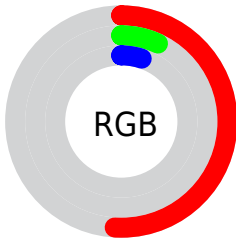
Format	Color
RYB	131, 19, 13
Decimal	8590093
CIELab	27.63, 45.33, 34.79
CIELCh	28, 57.140, 37.503
Yxy	5.3201, 0.6085, 0.3349
Android (android.graphics.Color)	4286780173 (0xFF83130D)
YUV	51.8040, -19.1304, 69.4549
Hunter-Lab	23.0653, 34.4366, 13.8368

Details

The Hex color **83130D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D7D83**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **BF4C39**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **830700**, and if you desaturate by 10%, it is **831F1A**.

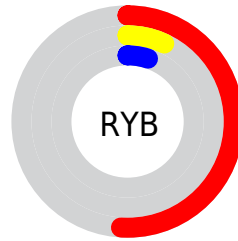
Distribution



Red (51%)

Green (7%)

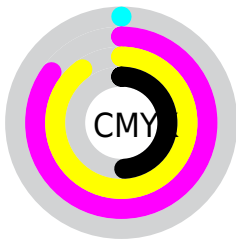
Blue (5%)



Red (51%)

Yellow (7%)

Blue (5%)

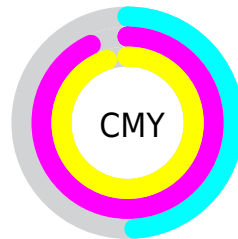


Cyan (0%)

Magenta (85%)

Yellow (90%)

Black (49%)



Cyan (49%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83130D 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 83130D by changing the saturation by 10% instead.

 83130D

 83130D

 FFFFEF

 660000

 BF4C39

 480000

 DE6650

 2E0002

 FD8169

 000000

 FF9C82

 FFB89C

 FFD4B7

 FFF1D3

 83130D

 83130D

■ 830700

■ 831F1A

■ 832C27

■ 833834

■ 834541

■ 83514E

■ 835E5C

■ 836A69

■ 837676

■ 838383

Harmonies

Analogous

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



8B0038



83130D



6B3200

Triad

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



83130D



00511D



00449A

Complementary

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



83130D



0D7D83

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.



004F93



83130D



00534C

Square

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



83130D



124D00



005376



4C2F88

Rectangle

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



83130D



543E00



005376



00499A

Sweetspot

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



83130D



AB7F7D



830D7D



573C3B



D6D6D6



575757

Same Dimension

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



83130D



AB0900



834E0D



423C3C



820700



030000

Inverse Universe

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



0D7D83



00A2AB



0D4283



3C4242



007B82



000203

Previews

White Background



This preview shows how the Hex color 83130D 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 83130D Background



This preview shows how black text looks on a background with the Hex color 83130D.



This preview shows how white text looks on a background with the Hex color 83130D.

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
83130D

Protanopia
4B4418

Deuteranopia
554000



Tritanopia
831311

Trichromacy



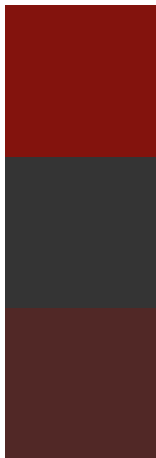
Original Color
83130D

Protanomaly
5F3214

Deuteranomaly
663005

Tritanomaly
831310

Monochromacy



Original Color
83130D

Achromatopsia
343434

Achromatomaly
512826

CSS Examples

Text

The CSS property to change the color of the text to Hex 83130D 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 #83130D looks like.

```
.text, #text, p{  
    color:#83130D  
}
```

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 #83130D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83130D
}
```

Border

The CSS property to change the border of an element to Hex 83130D is called "border". The border property can be set on classes, ids or directly on the HTML element.

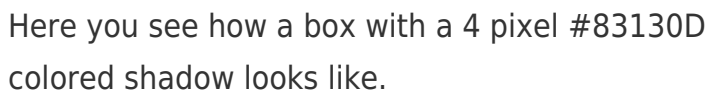
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83130D }
```

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

```
.border{ border-color:#83130D }
```

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



Here you see how a box with a 4 pixel #83130D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83130D; -webkit-box-shadow:4px 4px  
4px 4px #83130D; box-shadow:4px 4px 4px  
4px #83130D }
```

Background

The CSS property to change the background color of an element to Hex 83130D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83130D }
```

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

```
.background{ background-color:#83130D }
```

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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