

Converting Colors

Hex(7F230A)

Have a look what the booklet for
Hex(7F230A) contains.

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Color

Hex(7F230A)

Conversions

Conversions Part 1

Format	Color
Hex	7F230A
RGB	127, 35, 10
RGB Percent	50%, 14%, 4%
CMY	0.5020, 0.8627, 0.9608
CMYK	0.00, 0.72, 0.92, 0.50
HSL	13°, 85%, 27%
HSV	13°, 92%, 50%
XYZ	9.4082, 5.7360, 0.8985
YIQ	59.6580, 62.8570, 11.7290

Conversions

Conversions Part 2

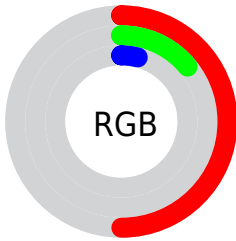
Format	Color
RYB	127, 42, 10
Decimal	8332042
CIELab	28.74, 38.46, 36.69
CIELCh	29, 53.159, 43.653
Yxy	5.7360, 0.5864, 0.3575
Android (android.graphics.Color)	4286522122 (0xFF7F230A)
YUV	59.6580, -24.4814, 59.0589
Hunter-Lab	23.9500, 28.2074, 14.5408

Details

The Hex color **7F230A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A667F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **BA5637**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7F1B00**, and if you desaturate by 10%, it is **7F2D17**.

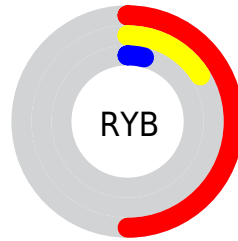
Distribution



Red (50%)

Green (14%)

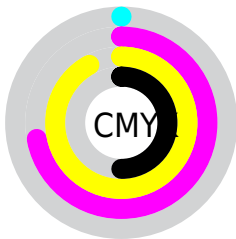
Blue (4%)



Red (50%)

Yellow (16%)

Blue (4%)

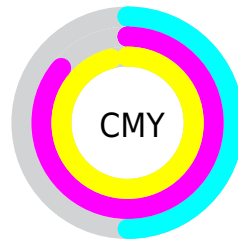


Cyan (0%)

Magenta (72%)

Yellow (92%)

Black (50%)



Cyan (50%)

Magenta (86%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F230A 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 7F230A by changing the saturation by 10% instead.

 7F230A

 7F230A

 FFFFEE

 620400

 BA5637

 450000

 D9704F

 2D0001

 F78A67

 000000

 FFA581

 FFC19B

 FFDD66

 FFFAD2

 7F230A

 7F230A

■ 7F1B00

■ 7F2D17

■ 7F3723

■ 7F4130

■ 7F4B3D

■ 7F554A

■ 7F5F56

■ 7F6963

■ 7F7370

■ 7F7D7C

Harmonies

Analogous

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



8A0533



7F230A



663900

Triad

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



7F230A



00542B



004395

Complementary

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



7F230A



0A667F

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



7F230A



005556

Square

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



7F230A



065000



00547C



5B2E80

Rectangle

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



7F230A



504400



00547C



004897

Sweetspot

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



7F230A



A68177



7F0A68



543E38



D4D4D4



545454

Same Dimension

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



7F230A



A62300



7F5C0A



403B39



801B00



000000

Inverse Universe

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



0A667F



0082A6



0A2D7F



393E40



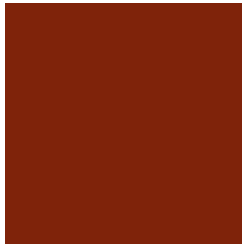
006480



000000

Previews

White Background



This preview shows how the Hex color 7F230A looks on a white background.

Color Contrast Check

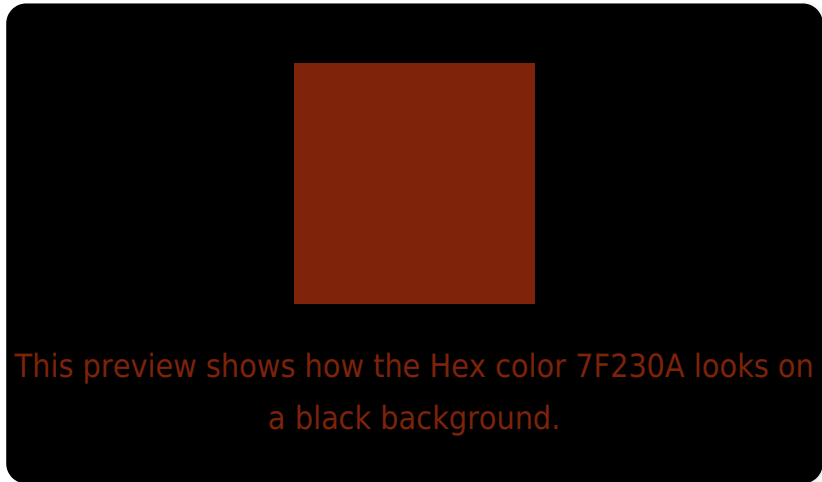
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F230A Background



This preview shows how black text looks on a background with the Hex color 7F230A.



This preview shows how white text looks on a background with the Hex color 7F230A.

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
7F230A

Protanopia
4E4513

Deuteranopia
574200

Trichromacy



Original Color
7F230A

Protanomaly
603910

Deuteranomaly
663704

Tritanomaly
7F2219

Monochromacy



Original Color
7F230A

Achromatopsia
3C3C3C

Achromatomaly
54332A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F230A 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 #7F230A looks like.

```
.text, #text, p{  
    color:#7F230A  
}
```

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 #7F230A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F230A
}
```

Border

The CSS property to change the border of an element to Hex 7F230A is called "border". The border property can be set on classes, ids or directly on the HTML element.

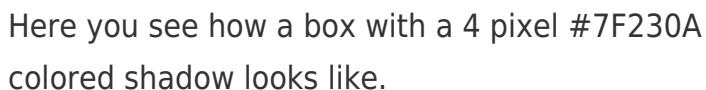
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F230A }
```

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

```
.border{ border-color:#7F230A }
```

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



Here you see how a box with a 4 pixel #7F230A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F230A; -webkit-box-shadow:4px 4px  
4px 4px #7F230A; box-shadow:4px 4px 4px  
4px #7F230A }
```

Background

The CSS property to change the background color of an element to Hex 7F230A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F230A }
```

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

```
.background{ background-color:#7F230A }
```

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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