

Converting Colors

Hex(7C1E08)

Have a look what the booklet for
Hex(7C1E08) contains.

Hex(7C1E08)	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(7C1E08)

Conversions

Conversions Part 1

Format	Color
Hex	7C1E08
RGB	124, 30, 8
RGB Percent	49%, 12%, 3%
CMY	0.5137, 0.8824, 0.9686
CMYK	0.00, 0.76, 0.94, 0.51
HSL	11°, 88%, 26%
HSV	11°, 94%, 49%
XYZ	8.8203, 5.2312, 0.7746
YIQ	55.5980, 63.0860, 13.0860

Conversions

Conversions Part 2

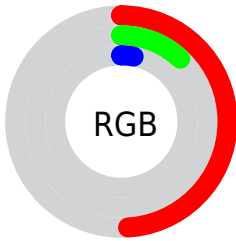
Format	Color
R_{YB}	124, 35, 8
Decimal	8134152
CIE _{Lab}	27.38, 39.37, 36.13
CIE _{LCh}	27, 53.440, 42.544
Yxy	5.2312, 0.5949, 0.3528
Android (android.graphics.Color)	4286324232 (0xFF7C1E08)
YUV	55.5980, -23.4658, 59.9886
Hunter-Lab	22.8717, 28.8114, 14.0023

Details

The Hex color **7C1E08** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **08667C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **B75135**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7C1800**, and if you desaturate by 10%, it is **7C2814**.

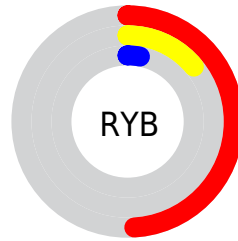
Distribution



Red (49%)

Green (12%)

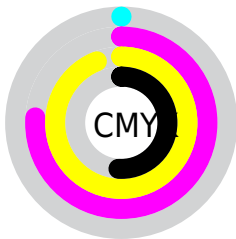
Blue (3%)



Red (49%)

Yellow (14%)

Blue (3%)

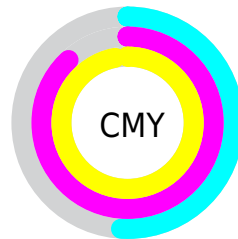


Cyan (0%)

Magenta (76%)

Yellow (94%)

Black (51%)



Cyan (51%)

Magenta (88%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C1E08 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 7C1E08 by changing the saturation by 10% instead.

 7C1E08

 7C1E08

 FFFFEC

 5F0000

 B75135

 420000

 D66B4D

 290001

 F48665

 000000

 FFA07E

 FFBC99

 FFD8B4

 FFF5CF

 7C1E08

 7C1E08

■ 7C1800

■ 7C2814

■ 7C3221

■ 7C3C2D

■ 7C463A

■ 7C5046

■ 7C5A52

■ 7C645F

■ 7C6E6B

■ 7C7878

Harmonies

Analogous

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



860032



7C1E08



633600

Triad

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



7C1E08



005026



004092

Complementary

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



7C1E08



08667C

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.



004C90



7C1E08



005251

Square

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



7C1E08



054C00



005178



562C7E

Rectangle

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



7C1E08



4D4000



005178



004594

Sweetspot

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



7C1E08



A17C74



7C0867



523B36



D1D1D1



525252

Same Dimension

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



7C1E08



A11E00



7C5708



3D3837



7D1800



FC3000

Inverse Universe

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



08667C



0082A1



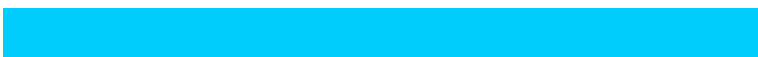
082D7C



373C3D



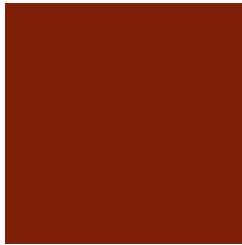
00657D



00CDFC

Previews

White Background



This preview shows how the Hex color 7C1E08 looks on a white background.

Color Contrast Check

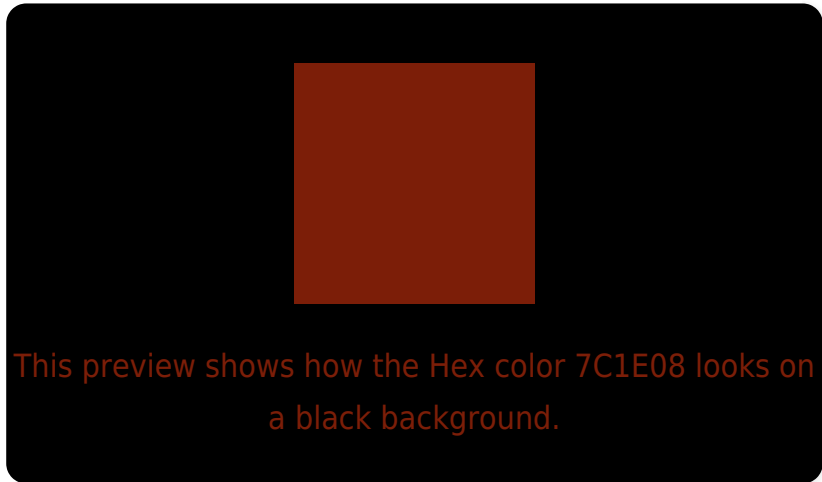
Large Text (above 18pt) WCAG AA ✓ Pass

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

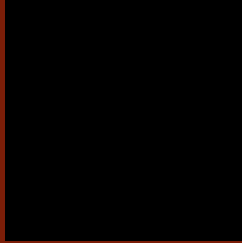
Any Text WCAG AA × Fail

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 7C1E08 Background



This preview shows how black text looks on a background with the Hex color 7C1E08.



This preview shows how white text looks on a background with the Hex color 7C1E08.

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
7C1E08

Protanopia
4B4311

Deuteranopia
543F00

Trichromacy



Original Color
7C1E08

Protanomaly
5D360E

Deuteranomaly
633303

Tritanomaly
7C1D15

Monochromacy



Original Color
7C1E08

Achromatopsia
383838

Achromatomaly
512F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C1E08 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 #7C1E08 looks like.

```
.text, #text, p{  
    color:#7C1E08  
}
```

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 #7C1E08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1E08
}
```

Border

The CSS property to change the border of an element to Hex 7C1E08 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".

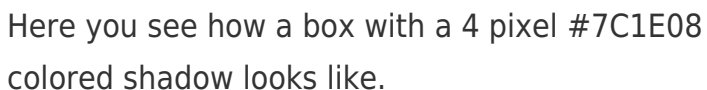
```
.border, #border, table{ border:4px solid
#7C1E08 }
```

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

```
.border{ border-color:#7C1E08 }
```

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

Here you see how a box with a 4 pixel #7C1E08 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and down from the bottom-right corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1E08; -webkit-box-shadow:4px 4px  
4px 4px #7C1E08; box-shadow:4px 4px 4px  
4px #7C1E08 }
```

Background

The CSS property to change the background color of an element to Hex 7C1E08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1E08 }
```

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

```
.background{ background-color:#7C1E08 }
```

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