

Converting Colors

Hex(7A101B)

Have a look what the booklet for
Hex(7A101B) contains.

Hex(7A101B)	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(7A101B)

Conversions

Conversions Part 1

Format	Color
Hex	7A101B
RGB	122, 16, 27
RGB Percent	48%, 6%, 11%
CMY	0.5216, 0.9373, 0.8941
CMYK	0.00, 0.87, 0.78, 0.52
HSL	354°, 77%, 27%
HSV	354°, 87%, 48%
XYZ	8.4092, 4.5873, 1.4791
YIQ	48.9480, 59.6450, 25.8930

Conversions

Conversions Part 2

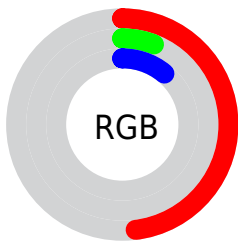
Format	Color
RYB	122, 16, 27
Decimal	7999515
CIELab	25.53, 43.81, 23.87
CIElCh	26, 49.892, 28.588
Yxy	4.5873, 0.5809, 0.3169
Android (android.graphics.Color)	4286189595 (0xFF7A101B)
YUV	48.9480, -10.8204, 64.0666
Hunter-Lab	21.4180, 32.6016, 10.8980

Details

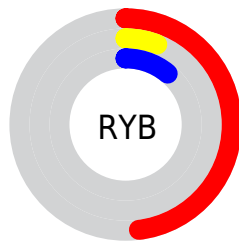
The Hex color **7A101B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **107A6F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B54846**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7A0410**, and if you desaturate by 10%, it is **7A1C26**.

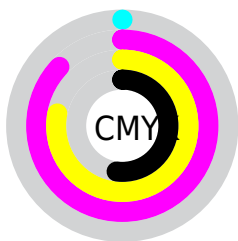
Distribution



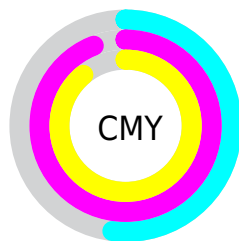
- Red (48%)
- Green (6%)
- Blue (11%)



- Red (48%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (52%)



- Cyan (52%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A101B 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 7A101B by changing the saturation by 10% instead.

 7A101B

 7A101B

FFFFFF

 5E0002

 B54846

 410000

 D3635E

 260001

 F17D77

 000000

 FF9891

 FFB4AB

 FFD0C6

 FFEDE2

 7A101B

 7A101B

■ 7A0410

■ 7A1C26

■ 7A000D

■ 7A2831

■ 7A353C

■ 7A4147

■ 7A4D52

■ 7A595D

■ 7A6568

■ 7A7272

■ 7A7E7D

Harmonies

Analogous

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



7B0040



7A101B



692900

Triad

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



7A101B



004A10



004289

Complementary

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



7A101B



107A6F

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.



004A7D



7A101B



004C3A

Square

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



7A101B



284400



004C60



313380

Rectangle

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



7A101B



573600



004C60



004588

Sweetspot

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



7A101B



9E7579



6E107A



4F3739



CFCFCF



4F4F4F

Same Dimension

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



7A101B



9E0010



7A3910



3D3738



7D000D



FC001A

Inverse Universe

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



7A101B



9E0010



10517A



3D3738



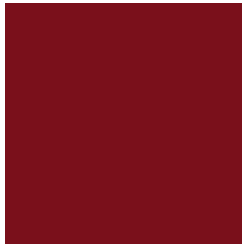
7D000D



FC001A

Previews

White Background



This preview shows how the Hex color 7A101B looks on a white background.

Color Contrast Check

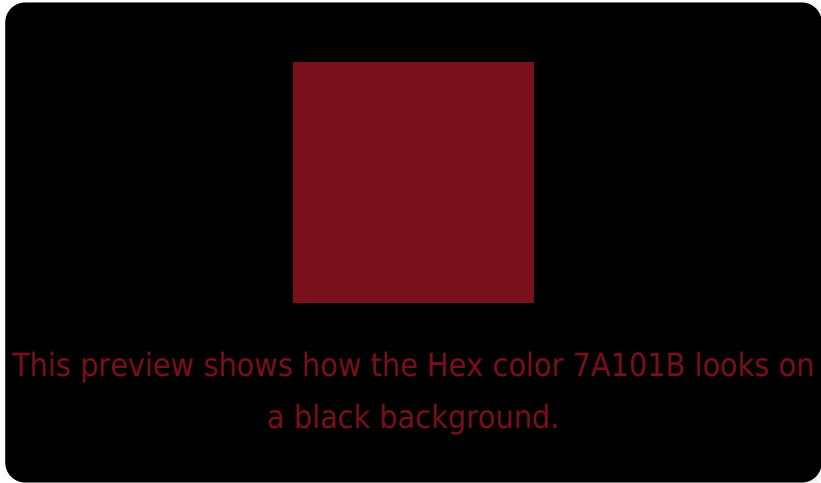
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A101B Background



This preview shows how black text looks on a background with the Hex color 7A101B.



This preview shows how white text looks on a background with the Hex color 7A101B.

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
7A101B

Protanopia
443F28

Deuteranopia
4F3C13

Trichromacy



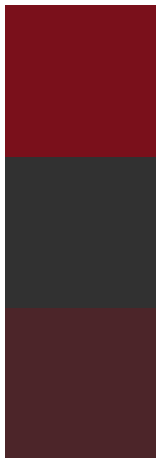
Original Color
7A101B

Protanomaly
582E23

Deuteranomaly
5F2C16

Tritanomaly
7A1115

Monochromacy



Original Color
7A101B

Achromatopsia
313131

Achromatomaly
4C2529

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A101B 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 #7A101B looks like.

```
.text, #text, p{  
    color:#7A101B  
}
```

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 #7A101B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A101B
}
```

Border

The CSS property to change the border of an element to Hex 7A101B is called "border". The border property can be set on classes, ids or directly on the HTML element.

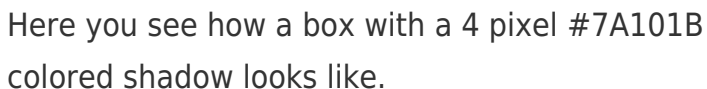
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A101B }
```

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

```
.border{ border-color:#7A101B }
```

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



Here you see how a box with a 4 pixel #7A101B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A101B; -webkit-box-shadow:4px 4px  
4px 4px #7A101B; box-shadow:4px 4px 4px  
4px #7A101B }
```

Background

The CSS property to change the background color of an element to Hex 7A101B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A101B }
```

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

```
.background{ background-color:#7A101B }
```

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