

Converting Colors

Hex(7B141D)

Have a look what the booklet for
Hex(7B141D) contains.

| | |
|--|----|
| Hex(7B141D) | 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(7B141D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B141D |
| RGB | 123, 20, 29 |
| RGB Percent | 48%, 8%, 11% |
| CMY | 0.5176, 0.9216, 0.8863 |
| CMYK | 0.00, 0.84, 0.76, 0.52 |
| HSL | 355°, 72%, 28% |
| HSV | 355°, 84%, 48% |
| XYZ | 8.6403, 4.8000, 1.6335 |
| YIQ | 51.8230, 58.4990, 24.6350 |

Conversions

Conversions Part 2

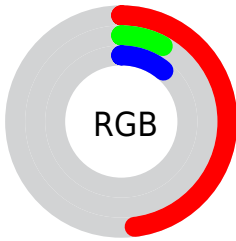
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 20, 29 |
| Decimal | 8066077 |
| CIE _{Lab} | 26.16, 43.11, 23.36 |
| CIE _{LCh} | 26, 49.029, 28.451 |
| Yxy | 4.8000, 0.5732, 0.3184 |
| Android (android.graphics.Color) | 4286256157 (0xFF7B141D) |
| YUV | 51.8230, -11.2517, 62.4222 |
| Hunter-Lab | 21.9088, 32.0555, 10.9156 |

Details

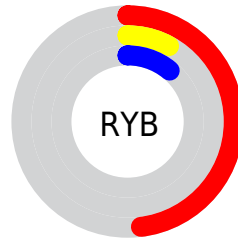
The Hex color **7B141D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **147B72**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B64B49**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7B0812**, and if you desaturate by 10%, it is **7B2028**.

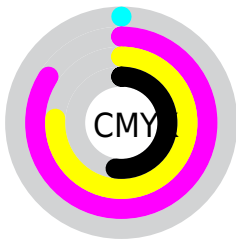
Distribution



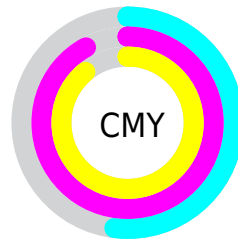
- Red (48%)
- Green (8%)
- Blue (11%)



- Red (48%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (84%)
- Yellow (76%)
- Black (52%)



- Cyan (52%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B141D 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 7B141D by changing the saturation by 10% instead.

 7B141D

 7B141D

FFFFFF

 5F0005

 B64B49

 420000

 D36560

 280001

 F27F79

 000000

 FF9B93

 FFB6AE

 FFD2C9

 FFEFE5

 7B141D

 7B141D

■ 7B0812

■ 7B2028

■ 7B000B

■ 7B2D33

■ 7B393F

■ 7B454A

■ 7B5255

■ 7B5E60

■ 7B6A6C

■ 7B7677

■ 7B8382

Harmonies

Analogous

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



7C0642



7B141D



6A2B00

Triad

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



7B141D



004B13



004489

Complementary

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



7B141D



147B72

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.



004B7E



7B141D



004D3B

Square

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



7B141D



2A4600



004E61



333580

Rectangle

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



7B141D



593700



004E61



004788

Sweetspot

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



7B141D



A1787C



71147B



52393B



D1D1D1



525252

Same Dimension

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



7B141D



A1000E



7B3D14



3D3738



7D000B



FC0016

Inverse Universe

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



7B141D



A1000E



14527B



3D3738



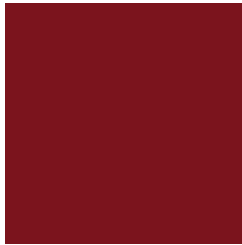
7D000B



FC0016

Previews

White Background



This preview shows how the Hex color 7B141D looks on a white background.

Color Contrast Check

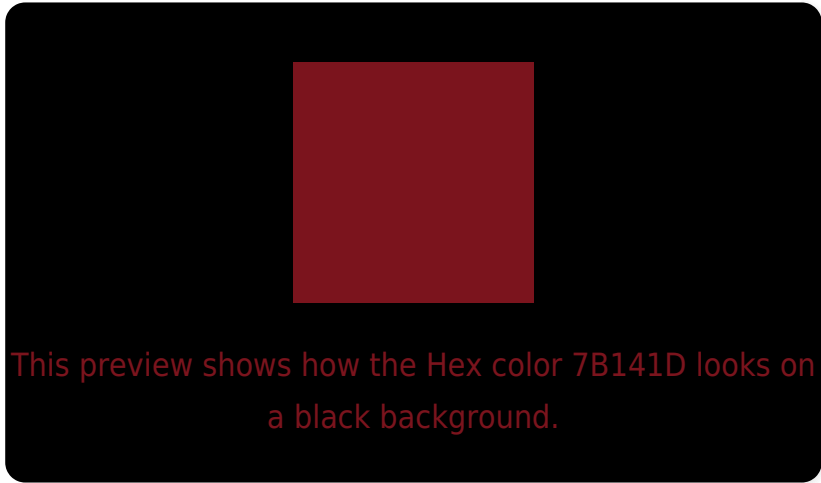
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B141D Background



This preview shows how black text looks on a background with the Hex color 7B141D.

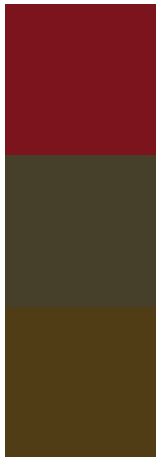


This preview shows how white text looks on a background with the Hex color 7B141D.

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
7B141D

Protanopia
46402A

Deuteranopia
503D16



Tritanopia
7B1615

Trichromacy



Original Color
7B141D

Protanomaly
593025

Deuteranomaly
602E19

Tritanomaly
7B1518

Monochromacy



Original Color
7B141D

Achromatopsia
343434

Achromatomaly
4E282C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B141D 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 #7B141D looks like.

```
.text, #text, p{  
    color:#7B141D  
}
```

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 #7B141D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B141D
}
```

Border

The CSS property to change the border of an element to Hex 7B141D 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
#7B141D }
```

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

```
.border{ border-color:#7B141D }
```

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

Here you see how a box with a 4 pixel #7B141D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B141D; -webkit-box-shadow:4px 4px  
4px 4px #7B141D; box-shadow:4px 4px 4px  
4px #7B141D }
```

Background

The CSS property to change the background color of an element to Hex 7B141D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B141D }
```

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

```
.background{ background-color:#7B141D }
```

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