

Converting Colors

Hex(7E1937)

Have a look what the booklet for
Hex(7E1937) contains.

Hex(7E1937)	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(7E1937)

Conversions

Conversions Part 1

Format	Color
Hex	7E1937
RGB	126, 25, 55
RGB Percent	49%, 10%, 22%
CMY	0.5059, 0.9020, 0.7843
CMYK	0.00, 0.80, 0.56, 0.51
HSL	342°, 67%, 30%
HSV	342°, 80%, 49%
XYZ	9.6414, 5.4067, 4.1499
YIQ	58.6190, 50.5660, 30.7420

Conversions

Conversions Part 2

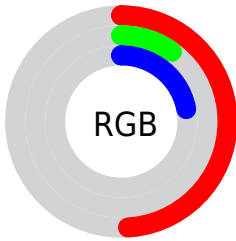
Format	Color
R_{YB}	126, 25, 55
Decimal	8263991
CIE _{Lab}	27.86, 44.12, 8.32
CIE _{LCh}	28, 44.898, 10.680
Yxy	5.4067, 0.5022, 0.2816
Android (android.graphics.Color)	4286454071 (0xFF7E1937)
YUV	58.6190, -1.7842, 59.0931
Hunter-Lab	23.2523, 33.3220, 5.6951

Details

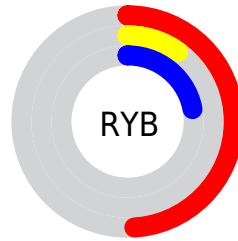
The Hex color **7E1937** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **197E60**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **B74F65**, and **47000B** is the 20% darker color. If you saturate the color by 10%, you get **7E0C2E**, and if you desaturate by 10%, it is **7E2640**.

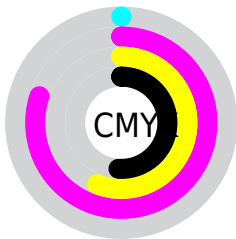
Distribution



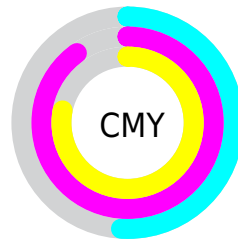
- Red (49%)
- Green (10%)
- Blue (22%)



- Red (49%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E1937 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 7E1937 by changing the saturation by 10% instead.

 7E1937

 7E1937

FFFFFF

 620022

 B74F65

 47000B

 D56A7E

 2E0002

 F28498

 000000

 FF9FB3

 FFBBCE

 FFD8EB

 FFF5FF

 7E1937

 7E1937

■ 7E0C2E

■ 7E2640

■ 7E0025

■ 7E3249

■ 7E3F52

■ 7E4B5A

■ 7E5863

■ 7E656C

■ 7E7175

■ 7E7E7E

■ 7E8A87

Harmonies

Analogous

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



732059



7E1937



772716

Triad

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



7E1937



1D4C03



004C83

Complementary

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



7E1937



197E60

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.



00506E



7E1937



005029

Square

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



7E1937



464400



00514E



004286

Rectangle

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



7E1937



6A3200



00514E



004E7E

Sweetspot

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



7E1937



A37C88



60197E



523A41



D1D1D1



525252

Same Dimension

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



7E1937



A30735



7E2D19



40393B



800026



000000

Inverse Universe

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



7E1937



A30735



196A7E



40393B



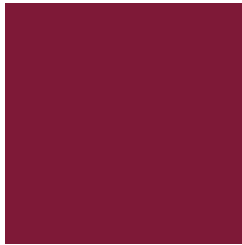
800026



000000

Previews

White Background



This preview shows how the Hex color 7E1937 looks on a white background.

Color Contrast Check

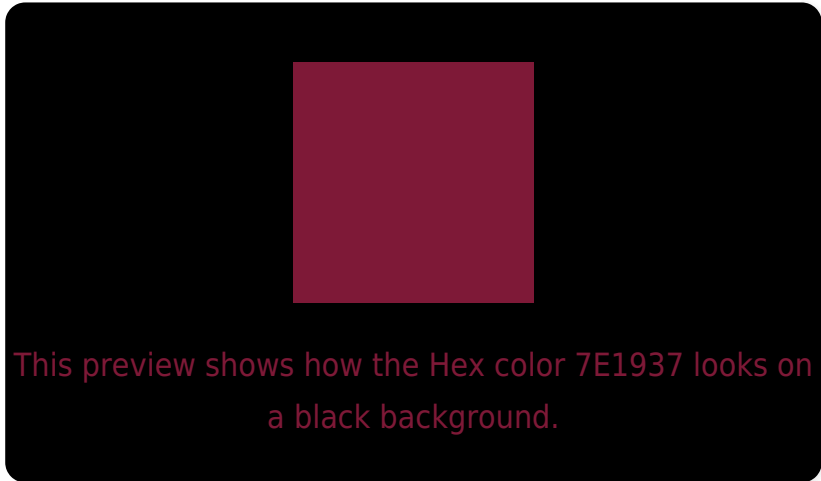
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E1937 Background



This preview shows how black text looks on a background with the Hex color 7E1937.



This preview shows how white text looks on a background with the Hex color 7E1937.

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
7E1937

Protanopia
42434B

Deuteranopia
504132



Tritanopia
7D1F20

Trichromacy



Original Color
7E1937

Protanomaly
583444

Deuteranomaly
613234

Tritanomaly
7D1D28

Monochromacy



Original Color
7E1937

Achromatopsia
3B3B3B

Achromatomaly
532F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E1937 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 #7E1937 looks like.

```
.text, #text, p{  
    color:#7E1937  
}
```

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 #7E1937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E1937
}
```

Border

The CSS property to change the border of an element to Hex 7E1937 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
#7E1937 }
```

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

```
.border{ border-color:#7E1937 }
```

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

Here you see how a box with a 4 pixel #7E1937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E1937; -webkit-box-shadow:4px 4px  
4px 4px #7E1937; box-shadow:4px 4px 4px  
4px #7E1937 }
```

Background

The CSS property to change the background color of an element to Hex 7E1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E1937 }
```

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

```
.background{ background-color:#7E1937 }
```

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