

Converting Colors

Hex(7B1640)

Have a look what the booklet for
Hex(7B1640) contains.

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Color

Hex(7B1640)

Conversions

Conversions Part 1

Format	Color
Hex	7B1640
RGB	123, 22, 64
RGB Percent	48%, 9%, 25%
CMY	0.5176, 0.9137, 0.7490
CMYK	0.00, 0.82, 0.48, 0.52
HSL	335°, 70%, 28%
HSV	335°, 82%, 48%
XYZ	9.3807, 5.1549, 5.3511
YIQ	56.9870, 46.7140, 34.4740

Conversions

Conversions Part 2

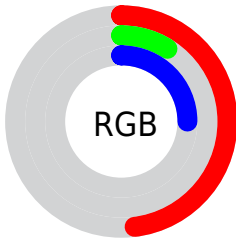
Format	Color
RYB	123, 22, 64
Decimal	8066624
CIELab	27.17, 44.98, 1.18
CIElCh	27, 44.996, 1.497
Yxy	5.1549, 0.4717, 0.2592
Android (android.graphics.Color)	4286256704 (0xFF7B1640)
YUV	56.9870, 3.4574, 57.8934
Hunter-Lab	22.7045, 34.0171, 1.9195

Details

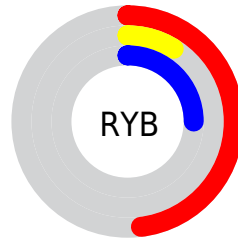
The Hex color **7B1640** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **167B51**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B44D70**, and **450016** is the 20% darker color. If you saturate the color by 10%, you get **7B0A39**, and if you desaturate by 10%, it is **7B2247**.

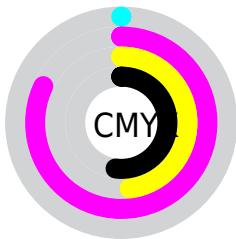
Distribution



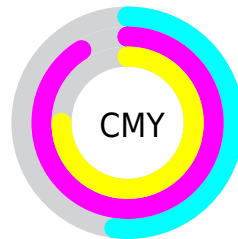
- Red (48%)
- Green (9%)
- Blue (25%)



- Red (48%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (82%)
- Yellow (48%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1640 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 7B1640 by changing the saturation by 10% instead.

 7B1640

 7B1640

FFFFFF

 60002A

 B44D70

 450016

 D16789

 2D0001

 EE82A3

 000000

 FF9DBE

 FFB9DA

 FFD5F6

 FFF2FF

 7B1640

 7B1640

■ 7B0A39

■ 7B2247

■ 7B0033

■ 7B2F4E

■ 7B3B56

■ 7B475D

■ 7B5464

■ 7B606B

■ 7B6C72

■ 7B7879

■ 7B8581

Harmonies

Analogous

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



6A2362



7B1640



79201E

Triad

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



7B1640



2B4800



004C7D

Complementary

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



7B1640



167B51

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.



004F63



7B1640



004D1D

Square

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



7B1640



4E3F00



004F41



004486

Rectangle

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



7B1640



6F2C07



004F41



004D76

Sweetspot

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



7B1640



A17889



51167B



523943



D1D1D1



525252

Same Dimension

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



7B1640



A10244



7B1E16



3D373A



7D0034



FC0069

Inverse Universe

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



7B1640



A10244



16737B



3D373A



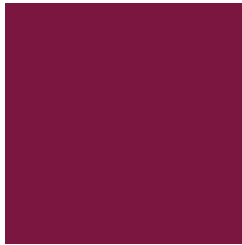
7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 7B1640 looks on a white background.

Color Contrast Check

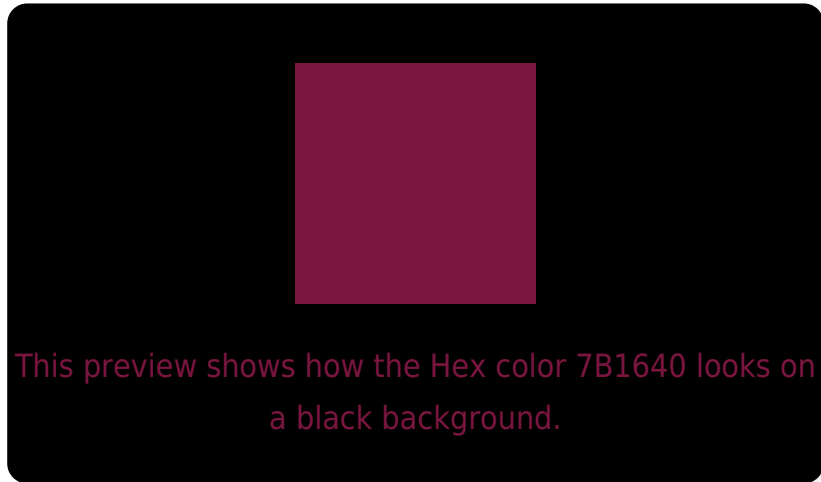
Large Text (above 18pt) WCAG AA ✓ Pass

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

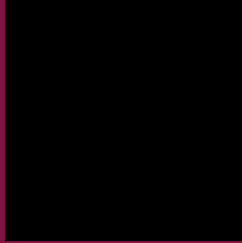
Any Text WCAG AA × Fail

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 7B1640 Background



This preview shows how black text looks on a background with the Hex color 7B1640.

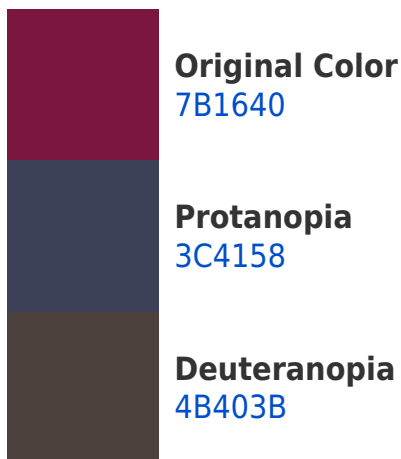


This preview shows how white text looks on a background with the Hex color 7B1640.

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



Trichromacy



Original Color
7B1640

Protanomaly
53314F

Deuteranomaly
5C313D

Tritanomaly
7A1C2C

Monochromacy



Original Color
7B1640

Achromatopsia
393939

Achromatomaly
512C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1640 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 #7B1640 looks like.

```
.text, #text, p{  
    color:#7B1640  
}
```

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 #7B1640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1640
}
```

Border

The CSS property to change the border of an element to Hex 7B1640 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
#7B1640 }
```

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

```
.border{ border-color:#7B1640 }
```

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

Here you see how a box with a 4 pixel #7B1640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1640; -webkit-box-shadow:4px 4px  
4px 4px #7B1640; box-shadow:4px 4px 4px  
4px #7B1640 }
```

Background

The CSS property to change the background color of an element to Hex 7B1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1640 }
```

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

```
.background{ background-color:#7B1640 }
```

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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