

Converting Colors

Hex(7B4036)

Have a look what the booklet for
Hex(7B4036) contains.

Hex(7B4036)	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(7B4036)

Conversions

Conversions Part 1

Format	Color
Hex	7B4036
RGB	123, 64, 54
RGB Percent	48%, 25%, 21%
CMY	0.5176, 0.7490, 0.7882
CMYK	0.00, 0.48, 0.56, 0.52
HSL	9°, 39%, 35%
HSV	9°, 56%, 48%
XYZ	10.6676, 8.1441, 4.4997
YIQ	80.5010, 38.3740, 9.3980

Conversions

Conversions Part 2

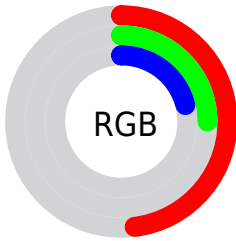
Format	Color
R_{YB}	123, 66, 54
Decimal	8077366
CIE _{Lab}	34.28, 24.45, 17.54
CIE _{LCh}	34, 30.097, 35.658
Yxy	8.1441, 0.4576, 0.3494
Android (android.graphics.Color)	4286267446 (0xFF7B4036)
YUV	80.5010, -13.0650, 37.2716
Hunter-Lab	28.5378, 16.7832, 10.6279

Details

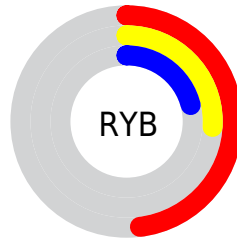
The Hex color **7B4036** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36717B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B27165**, and **46120A** is the 20% darker color. If you saturate the color by 10%, you get **7B352A**, and if you desaturate by 10%, it is **7B4B42**.

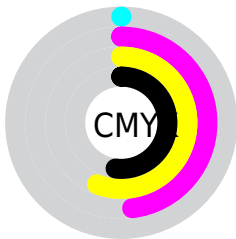
Distribution



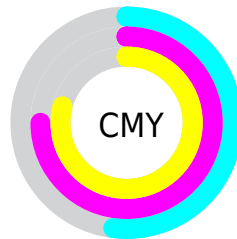
- Red (48%)
- Green (25%)
- Blue (21%)



- Red (48%)
- Yellow (26%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4036 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 7B4036 by changing the saturation by 10% instead.

 7B4036

 7B4036

FFFFFF

 602921

 B27165

 46120A

 CF8B7E

 2E0000

 ECA598

 000000

 FFC1B2

 FFDDCE

 FFF9EA

 7B4036

 7B4036

 7B352A

 7B4B42

 7B2B1D

 7B554F

 7B2011

 7B605B

 7B1605

 7B6A67

 7B1200

 7B7574

 7B7F80

 7B8A8C

 7B9498

 7B9FA5

Harmonies

Analogous

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



7D3C4D



7B4036



6E4825

Triad

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



7B4036



205B3C



2F5280

Complementary

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



7B4036



36717B

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.



00587C



7B4036



005D55

Square

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



7B4036



415728



005C6C



584978

Rectangle

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



7B4036



624E1F



005C6C



195480

Sweetspot

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



7B4036



A18985



7B3672



524441



D1D1D1



525252

Same Dimension

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



7B4036



A14535



7B6236



3D3837



7D1200



FC2500

Inverse Universe

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



36717B



3591A1



364F7B



373C3D



006B7D



00D8FC

Previews

White Background



This preview shows how the Hex color 7B4036 looks on a white background.

Color Contrast Check

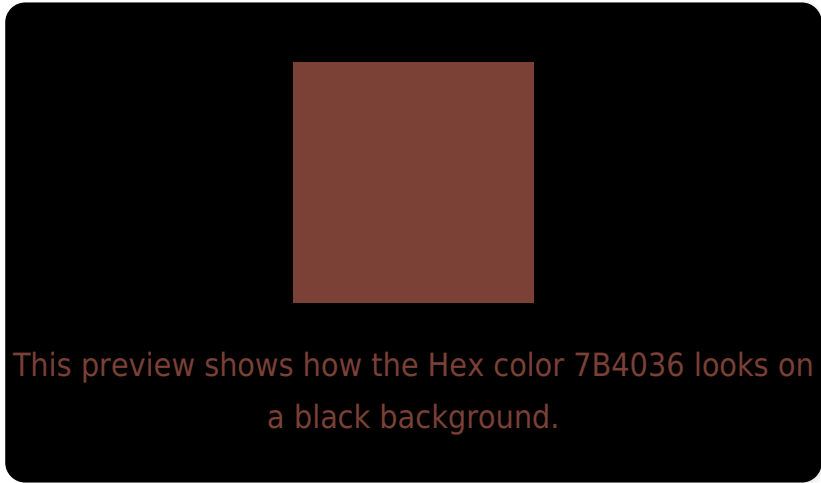
Large Text (above 18pt) WCAG AA ✓ Pass

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

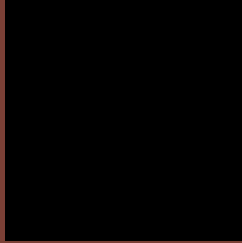
Any Text WCAG AA × Fail

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 7B4036 Background



This preview shows how black text looks on a background with the Hex color 7B4036.

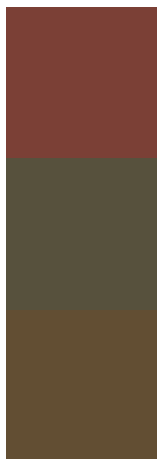


This preview shows how white text looks on a background with the Hex color 7B4036.

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
7B4036

Protanopia
57513D

Deuteranopia
624E33



Tritanopia
7C3E43

Trichromacy



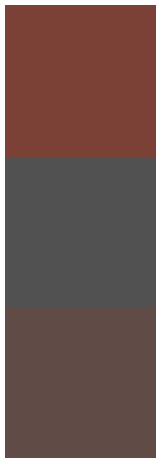
Original Color
7B4036

Protanomaly
644B3A

Deuteranomaly
6B4934

Tritanomaly
7C3F3E

Monochromacy



Original Color
7B4036

Achromatopsia
515151

Achromatomaly
604B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4036 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 #7B4036 looks like.

```
.text, #text, p{  
    color:#7B4036  
}
```

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 #7B4036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4036
}
```

Border

The CSS property to change the border of an element to Hex 7B4036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

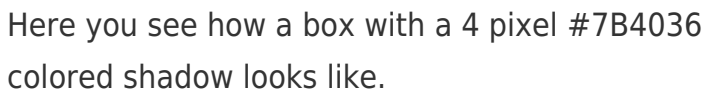
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4036 }
```

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

```
.border{ border-color:#7B4036 }
```

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



Here you see how a box with a 4 pixel #7B4036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4036; -webkit-box-shadow:4px 4px  
4px 4px #7B4036; box-shadow:4px 4px 4px  
4px #7B4036 }
```

Background

The CSS property to change the background color of an element to Hex 7B4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4036 }
```

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

```
.background{ background-color:#7B4036 }
```

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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