

Converting Colors

Hex(7B3034)

Have a look what the booklet for
Hex(7B3034) contains.

Hex(7B3034)	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(7B3034)

Conversions

Conversions Part 1

Format	Color
Hex	7B3034
RGB	123, 48, 52
RGB Percent	48%, 19%, 20%
CMY	0.5176, 0.8118, 0.7961
CMYK	0.00, 0.61, 0.58, 0.52
HSL	357°, 44%, 34%
HSV	357°, 61%, 48%
XYZ	9.8452, 6.5728, 3.9986
YIQ	70.8810, 43.4160, 17.1440

Conversions

Conversions Part 2

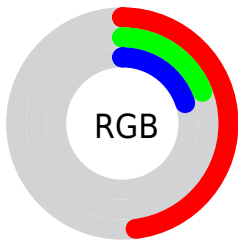
Format	Color
R_{YB}	123, 48, 52
Decimal	8073268
CIE Lab	30.81, 33.03, 14.24
CIE LCh	31, 35.971, 23.313
Yxy	6.5728, 0.4822, 0.3219
Android (android.graphics.Color)	4286263348 (0xFF7B3034)
YUV	70.8810, -9.3083, 45.7084
Hunter-Lab	25.6375, 23.6811, 8.6990

Details

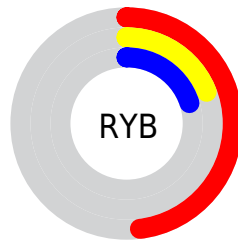
The Hex color **7B3034** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **307B77**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B36162**, and **450007** is the 20% darker color. If you saturate the color by 10%, you get **7B2428**, and if you desaturate by 10%, it is **7B3C40**.

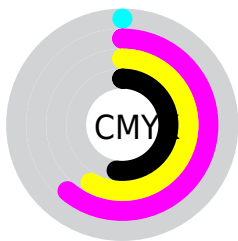
Distribution



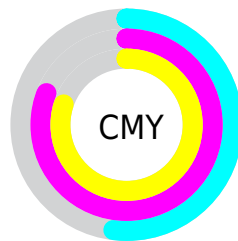
- Red (48%)
- Green (19%)
- Blue (20%)



- Red (48%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (52%)



- Cyan (52%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3034 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 7B3034 by changing the saturation by 10% instead.

 7B3034

 7B3034

FFFFFF

 60171F

 B36162

 450007

 D07B7B

 2E0001

 EE9695

 000000

 FFB1B0

 FFCCCB

 FFE9E7

 7B3034

 7B3034

 7B2428

 7B3C40

 7B171D

 7B494B

 7B0B11

 7B5557

 7B0007

 7B6163

 7B6E6E

 7B7A7A

 7B8686

 7B9291

 7B9F9D

Harmonies

Analogous

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



782F50



7B3034



713A1C

Triad

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



7B3034



1D5325



004E80

Complementary

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



7B3034



307B77

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.



005375



7B3034



005641

Square

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



7B3034



424E10



00565E



3E447C

Rectangle

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



7B3034



64410F



00565E



00507E

Sweetspot

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



7B3034



A18485



76307B



524041



D1D1D1



525252

Same Dimension

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



7B3034



A12B32



7B5130



3D3737



7D0007



FC000D

Inverse Universe

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



7B3034



A12B32



305B7B



3D3737



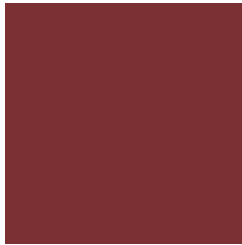
7D0007



FC000D

Previews

White Background



This preview shows how the Hex color 7B3034 looks on a white background.

Color Contrast Check

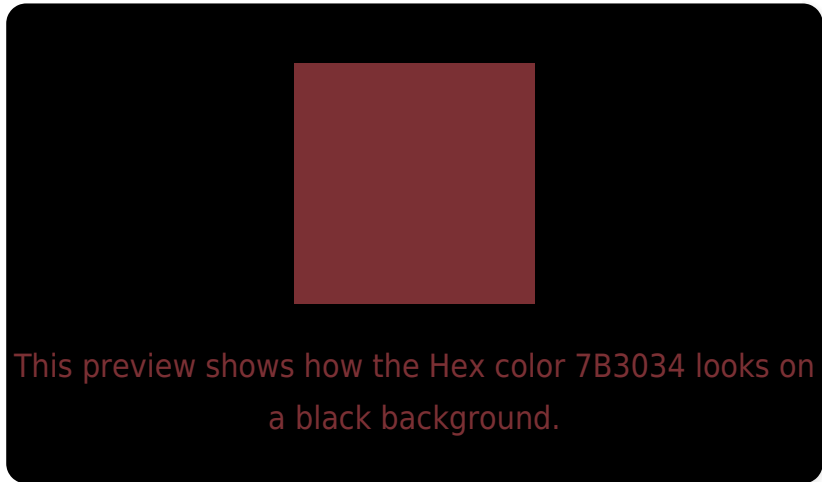
Large Text (above 18pt) WCAG AA ✓ Pass

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

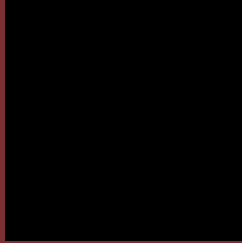
Any Text WCAG AA × Fail

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 7B3034 Background



This preview shows how black text looks on a background with the Hex color 7B3034.



This preview shows how white text looks on a background with the Hex color 7B3034.

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
7B3034

Protanopia
4D493F

Deuteranopia
584630



Tritanopia
7B3033

Trichromacy



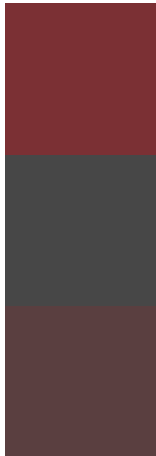
Original Color
7B3034

Protanomaly
5E403B

Deuteranomaly
653E31

Tritanomaly
7B3033

Monochromacy



Original Color
7B3034

Achromatopsia
474747

Achromatomaly
5A3F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3034 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 #7B3034 looks like.

```
.text, #text, p{  
    color:#7B3034  
}
```

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 #7B3034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3034
}
```

Border

The CSS property to change the border of an element to Hex 7B3034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

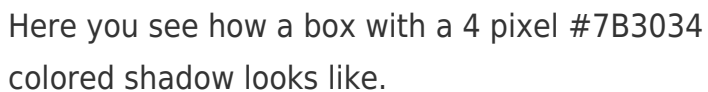
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3034 }
```

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

```
.border{ border-color:#7B3034 }
```

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



Here you see how a box with a 4 pixel #7B3034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3034; -webkit-box-shadow:4px 4px  
4px 4px #7B3034; box-shadow:4px 4px 4px  
4px #7B3034 }
```

Background

The CSS property to change the background color of an element to Hex 7B3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3034 }
```

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

```
.background{ background-color:#7B3034 }
```

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