

Converting Colors

Hex(7B3437)

Have a look what the booklet for
Hex(7B3437) contains.

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Color

Hex(7B3437)

Conversions

Conversions Part 1

Format	Color
Hex	7B3437
RGB	123, 52, 55
RGB Percent	48%, 20%, 22%
CMY	0.5176, 0.7961, 0.7843
CMYK	0.00, 0.58, 0.55, 0.52
HSL	357°, 41%, 34%
HSV	357°, 58%, 48%
XYZ	10.0860, 6.9428, 4.4229
YIQ	73.5710, 41.3530, 15.9850

Conversions

Conversions Part 2

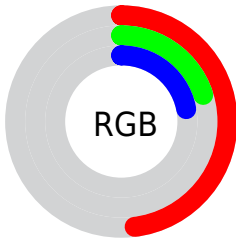
Format	Color
R_{YB}	123, 52, 55
Decimal	8074295
CIE _{Lab}	31.68, 31.22, 13.45
CIE _{LCh}	32, 33.990, 23.309
Yxy	6.9428, 0.4702, 0.3236
Android (android.graphics.Color)	4286264375 (0xFF7B3437)
YUV	73.5710, -9.1555, 43.3492
Hunter-Lab	26.3491, 22.2155, 8.4921

Details

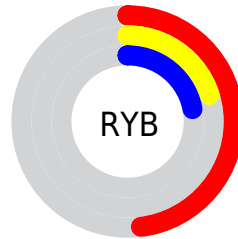
The Hex color **7B3437** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **347B78**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B36566**, and **46020C** is the 20% darker color. If you saturate the color by 10%, you get **7B282B**, and if you desaturate by 10%, it is **7B4043**.

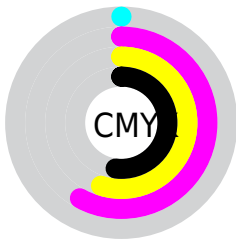
Distribution



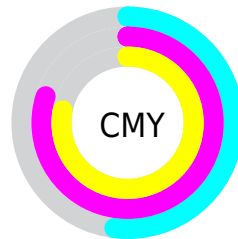
- Red (48%)
- Green (20%)
- Blue (22%)



- Red (48%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3437 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 7B3437 by changing the saturation by 10% instead.

 7B3437

 7B3437

FFFFFF

 601C22

 B36566

 46020C

 D07F7F

 2E0000

 ED9999

 000000

 FFB5B3

 FFD0CF

 FFEDEB

 7B3437

 7B3437

 7B282B

 7B4043

 7B1B1F

 7B4D4F

 7B0F14

 7B595A

 7B0308

 7B6566

 7B0005

 7B7272

 7B7E7E

 7B8A89

 7B9695

 7BA3A1

Harmonies

Analogous

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



783352



7B3437



713D20

Triad

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



7B3437



235529



004F7F

Complementary

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



7B3437



347B78

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.



005575



7B3437



005743

Square

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



7B3437



454F16



00575F



41467C

Rectangle

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



7B3437



654415



00575F



00527D

Sweetspot

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



7B3437



A18586



77347B



524142



D1D1D1



525252

Same Dimension

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



7B3437



A13236



7B5434



3D3737



7D0005



FC000B

Inverse Universe

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



7B3437



A13236



345B7B



3D3737



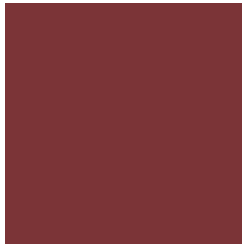
7D0005



FC000B

Previews

White Background



This preview shows how the Hex color 7B3437 looks on a white background.

Color Contrast Check

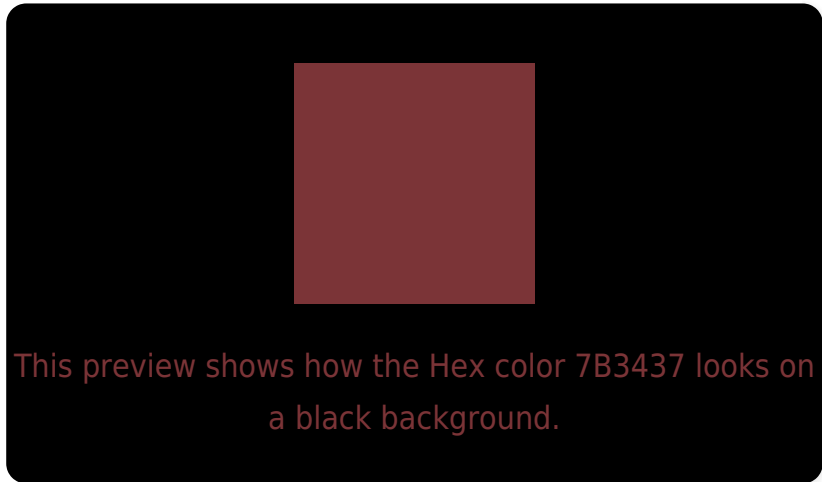
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B3437 Background



This preview shows how black text looks on a background with the Hex color 7B3437.

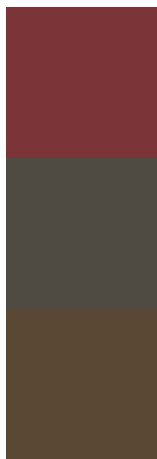


This preview shows how white text looks on a background with the Hex color 7B3437.

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
7B3437

Protanopia
4F4B42

Deuteranopia
5A4834



Tritanopia
7B3437

Trichromacy



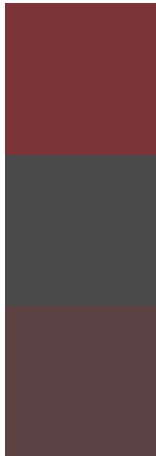
Original Color
7B3437

Protanomaly
5F433E

Deuteranomaly
664135

Tritanomaly
7B3437

Monochromacy



Original Color
7B3437

Achromatopsia
4A4A4A

Achromatomaly
5C4243

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3437 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 #7B3437 looks like.

```
.text, #text, p{  
    color:#7B3437  
}
```

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 #7B3437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3437
}
```

Border

The CSS property to change the border of an element to Hex 7B3437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

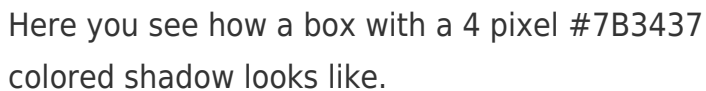
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3437 }
```

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

```
.border{ border-color:#7B3437 }
```

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



Here you see how a box with a 4 pixel #7B3437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3437; -webkit-box-shadow:4px 4px  
4px 4px #7B3437; box-shadow:4px 4px 4px  
4px #7B3437 }
```

Background

The CSS property to change the background color of an element to Hex 7B3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3437 }
```

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

```
.background{ background-color:#7B3437 }
```

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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