

Converting Colors

Hex(7B3347)

Have a look what the booklet for
Hex(7B3347) contains.

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Color

Hex(7B3347)

Conversions

Conversions Part 1

Format	Color
Hex	7B3347
RGB	123, 51, 71
RGB Percent	48%, 20%, 28%
CMY	0.5176, 0.8000, 0.7216
CMYK	0.00, 0.59, 0.42, 0.52
HSL	343°, 41%, 34%
HSV	343°, 59%, 48%
XYZ	10.4895, 7.0335, 6.7660
YIQ	74.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

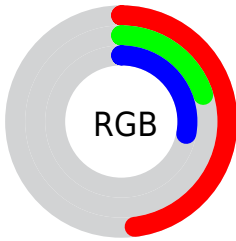
Format	Color
R_{YB}	123, 51, 71
Decimal	8074055
CIE _{Lab}	31.88, 33.44, 3.34
CIE _{LCh}	32, 33.607, 5.703
Yxy	7.0335, 0.4319, 0.2896
Android (android.graphics.Color)	4286264135 (0xFF7B3347)
YUV	74.8080, -1.8773, 42.2644
Hunter-Lab	26.5208, 24.1890, 3.4385

Details

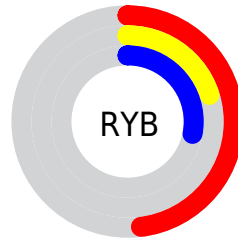
The Hex color **7B3347** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **337B67**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B26577**, and **46001C** is the 20% darker color. If you saturate the color by 10%, you get **7B273E**, and if you desaturate by 10%, it is **7B3F50**.

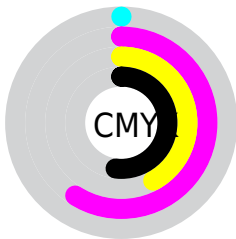
Distribution



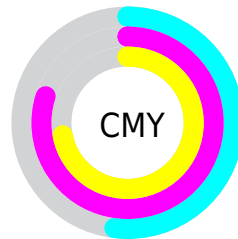
- Red (48%)
- Green (20%)
- Blue (28%)



- Red (48%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (42%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3347 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 7B3347 by changing the saturation by 10% instead.

 7B3347

 7B3347

FFFFFF

 601A31

 B26577

 46001C

 CF7E91

 300000

 EC99AB

 000000

 FFB4C7

 FFD0E3

 FFEDFF

 7B3347

 7B3347

 7B273E

 7B3F50

 7B1A35

 7B4C59

 7B0E2C

 7B5862

 7B0223

 7B646B

 7B0022

 7B7173

 7B7D7C

 7B8985

 7B958E

 7BA297

Harmonies

Analogous

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



6F3861



7B3347



78382E

Triad

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



7B3347



39521E



00537B

Complementary

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



7B3347



337B67

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.



005769



7B3347



0C5634

Square

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



7B3347



554B12



00584F



1E4C80

Rectangle

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



7B3347



703E20



00584F



005576

Sweetspot

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



7B3347



A1848C



67337B



524045



D1D1D1



525252

Same Dimension

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



7B3347



A1304F



7B4333



3D3739



7D0023



FC0046

Inverse Universe

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



7B3347



A1304F



336B7B



3D3739



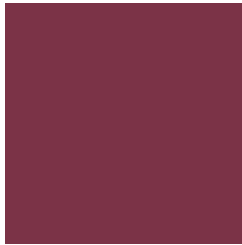
7D0023



FC0046

Previews

White Background



This preview shows how the Hex color 7B3347 looks on a white background.

Color Contrast Check

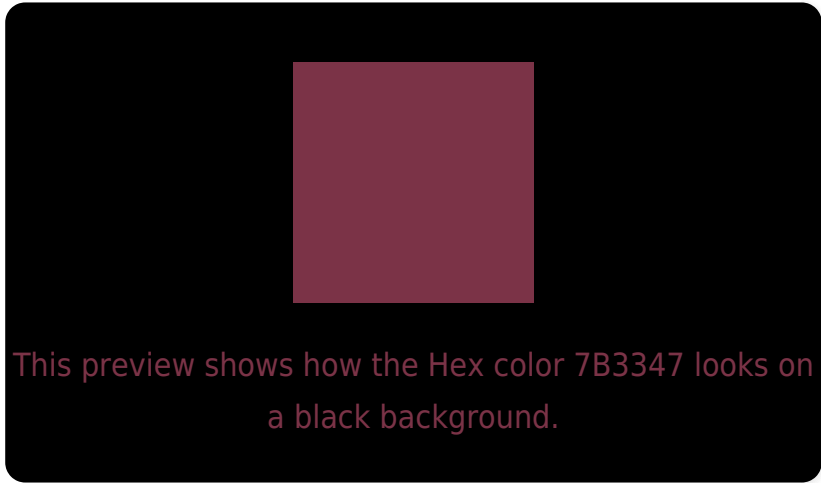
Large Text (above 18pt) WCAG AA ✓ Pass

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

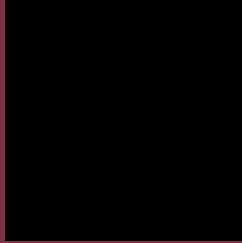
Any Text WCAG AA × Fail

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 7B3347 Background



This preview shows how black text looks on a background with the Hex color 7B3347.



This preview shows how white text looks on a background with the Hex color 7B3347.

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
7B3347

Protanopia
4A4B55

Deuteranopia
564944



Tritanopia
7A3639

Trichromacy



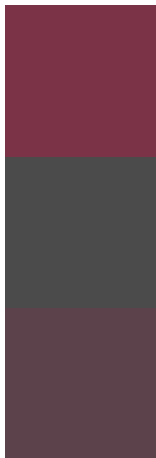
Original Color
7B3347

Protanomaly
5C4250

Deuteranomaly
634145

Tritanomaly
7A353E

Monochromacy



Original Color
7B3347

Achromatopsia
4B4B4B

Achromatomaly
5C424A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3347 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 #7B3347 looks like.

```
.text, #text, p{  
    color:#7B3347  
}
```

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 #7B3347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3347
}
```

Border

The CSS property to change the border of an element to Hex 7B3347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

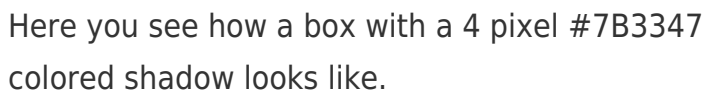
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3347 }
```

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

```
.border{ border-color:#7B3347 }
```

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



Here you see how a box with a 4 pixel #7B3347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3347; -webkit-box-shadow:4px 4px  
4px 4px #7B3347; box-shadow:4px 4px 4px  
4px #7B3347 }
```

Background

The CSS property to change the background color of an element to Hex 7B3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3347 }
```

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

```
.background{ background-color:#7B3347 }
```

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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