

Converting Colors

Hex(7B3131)

Have a look what the booklet for
Hex(7B3131) contains.

Hex(7B3131)	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(7B3131)

Conversions

Conversions Part 1

Format	Color
Hex	7B3131
RGB	123, 49, 49
RGB Percent	48%, 19%, 19%
CMY	0.5176, 0.8078, 0.8078
CMYK	0.00, 0.60, 0.60, 0.52
HSL	0°, 43%, 34%
HSV	0°, 60%, 48%
XYZ	9.8211, 6.6293, 3.6677
YIQ	71.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

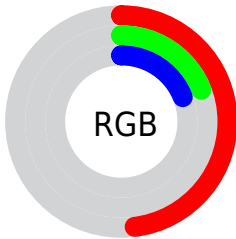
Format	Color
R_{YB}	123, 49, 49
Decimal	8073521
CIE _{Lab}	30.95, 32.27, 16.35
CIE _{LCh}	31, 36.173, 26.877
Yxy	6.6293, 0.4882, 0.3295
Android (android.graphics.Color)	4286263601 (0xFF7B3131)
YUV	71.1260, -10.9081, 45.4935
Hunter-Lab	25.7475, 23.0286, 9.5775

Details

The Hex color **7B3131** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **317B7B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B3625F**, and **460002** is the 20% darker color. If you saturate the color by 10%, you get **7B2525**, and if you desaturate by 10%, it is **7B3D3D**.

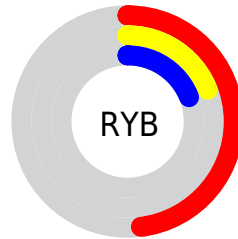
Distribution



Red (48%)

Green (19%)

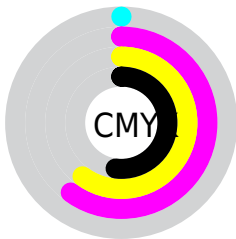
Blue (19%)



Red (48%)

Yellow (19%)

Blue (19%)

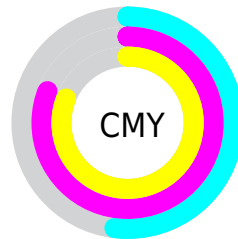


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (52%)



Cyan (52%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3131 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 7B3131 by changing the saturation by 10% instead.

 7B3131

 7B3131

FFFFFF

 60191C

 B3625F

 460002

 D07C78

 2E0001

 EE9692

 000000

 FFB1AC

 FFCDC7

 FFEAE3

 7B3131

 7B3131

 7B2525

 7B3D3D

 7B1818

 7B4A4A

 7B0C0C

 7B5656

 7B0000

 7B6262

 7B6F6F

 7B7B7B

 7B8787

 7B9393

 7BA0A0

Harmonies

Analogous

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



7A2E4D



7B3131



6F3B19

Triad

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



7B3131



165428



004D81

Complementary

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



7B3131



317B7B

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.



005378



7B3131



005645

Square

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



7B3131



3E4F11



005662



44437B

Rectangle

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



7B3131



62430D



005662



005080

Sweetspot

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



7B3131



A18484



7B317B



524040



D1D1D1



525252

Same Dimension

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



7B3131



A12D2D



7B5631



3D3737



7D0000



FC0000

Inverse Universe

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



317B7B



2DA1A1



31567B



373D3D



007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7B3131 looks on a white background.

Color Contrast Check

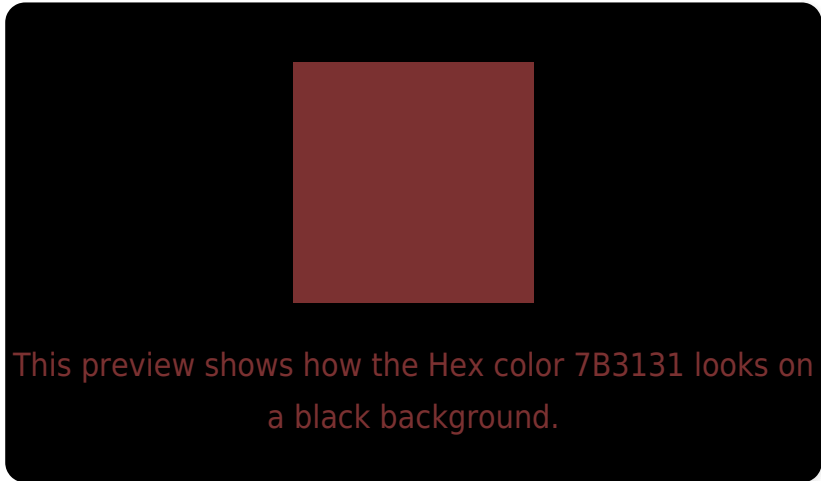
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B3131 Background



This preview shows how black text looks on a background with the Hex color 7B3131.

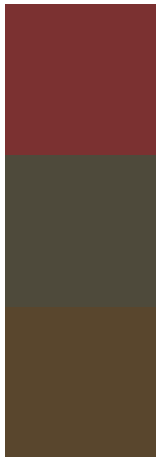


This preview shows how white text looks on a background with the Hex color 7B3131.

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
7B3131

Protanopia
4E4A3B

Deuteranopia
59462D



Tritanopia
7B3134

Trichromacy



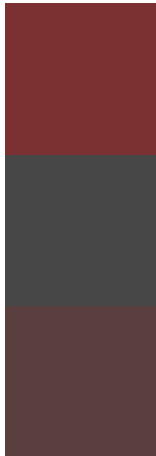
Original Color
7B3131

Protanomaly
5E4137

Deuteranomaly
653E2E

Tritanomaly
7B3133

Monochromacy



Original Color
7B3131

Achromatopsia
474747

Achromatomaly
5A3F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3131 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 #7B3131 looks like.

```
.text, #text, p{  
    color:#7B3131  
}
```

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 #7B3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3131
}
```

Border

The CSS property to change the border of an element to Hex 7B3131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

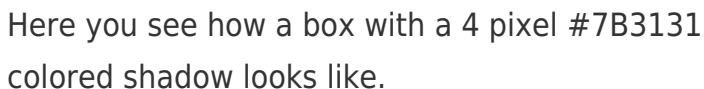
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3131 }
```

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

```
.border{ border-color:#7B3131 }
```

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



Here you see how a box with a 4 pixel #7B3131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3131; -webkit-box-shadow:4px 4px  
4px 4px #7B3131; box-shadow:4px 4px 4px  
4px #7B3131 }
```

Background

The CSS property to change the background color of an element to Hex 7B3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3131 }
```

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

```
.background{ background-color:#7B3131 }
```

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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