

Converting Colors

Hex(7C3131)

Have a look what the booklet for
Hex(7C3131) contains.

Hex(7C3131)	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(7C3131)

Conversions

Conversions Part 1

Format	Color
Hex	7C3131
RGB	124, 49, 49
RGB Percent	49%, 19%, 19%
CMY	0.5137, 0.8078, 0.8078
CMYK	0.00, 0.60, 0.60, 0.51
HSL	0°, 43%, 34%
HSV	0°, 60%, 49%
XYZ	9.9649, 6.7035, 3.6744
YIQ	71.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

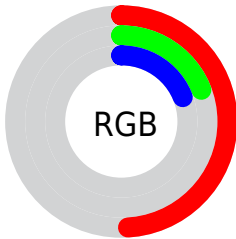
Format	Color
R_{YB}	124, 49, 49
Decimal	8139057
CIE _{Lab}	31.12, 32.65, 16.61
CIE _{LCh}	31, 36.637, 26.967
Yxy	6.7035, 0.4898, 0.3295
Android (android.graphics.Color)	4286329137 (0xFF7C3131)
YUV	71.4250, -11.0555, 46.1083
Hunter-Lab	25.8910, 23.3912, 9.7094

Details

The Hex color **7C3131** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **317C7C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B4625F**, and **460002** is the 20% darker color. If you saturate the color by 10%, you get **7C2525**, and if you desaturate by 10%, it is **7C3D3D**.

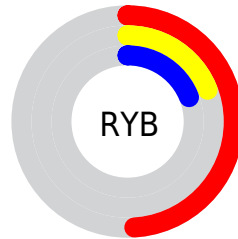
Distribution



Red (49%)

Green (19%)

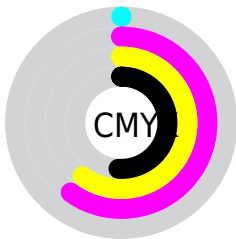
Blue (19%)



Red (49%)

Yellow (19%)

Blue (19%)

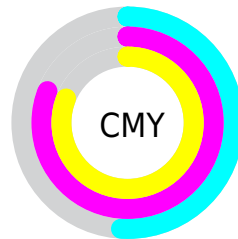


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (51%)



Cyan (51%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7C3131 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 7C3131 by changing the saturation by 10% instead.

 7C3131

 7C3131

FFFFFF

 61181C

 B4625F

 460002

 D17C78

 2E0001

 EF9692

 000000

 FFB2AC

 FFCDC7

 FFEAE3

 7C3131

 7C3131

 7C2525

 7C3D3D

 7C1818

 7C4A4A

 7C0C0C

 7C5656

 7C0000

 7C6363

 7C6F6F

 7C7B7B

 7C8888

 7C9494

 7CA1A1

Harmonies

Analogous

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



7B2E4D



7C3131



703C19

Triad

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



7C3131



155428



004D83

Complementary

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



7C3131



317C7C

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.



005479



7C3131



005745

Square

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



7C3131



3F4F11



005762



44437D

Rectangle

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



7C3131



62430D



005762



005081

Sweetspot

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



7C3131



A18484



7C317C



524040



D1D1D1



525252

Same Dimension

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



7C3131



A12B2B



7C5731



3D3737



7D0000



FC0000

Inverse Universe

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



317C7C



2BA1A1



31577C



373D3D



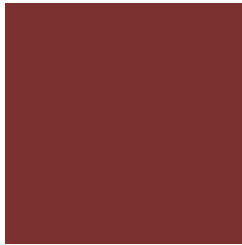
007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7C3131 looks on a white background.

Color Contrast Check

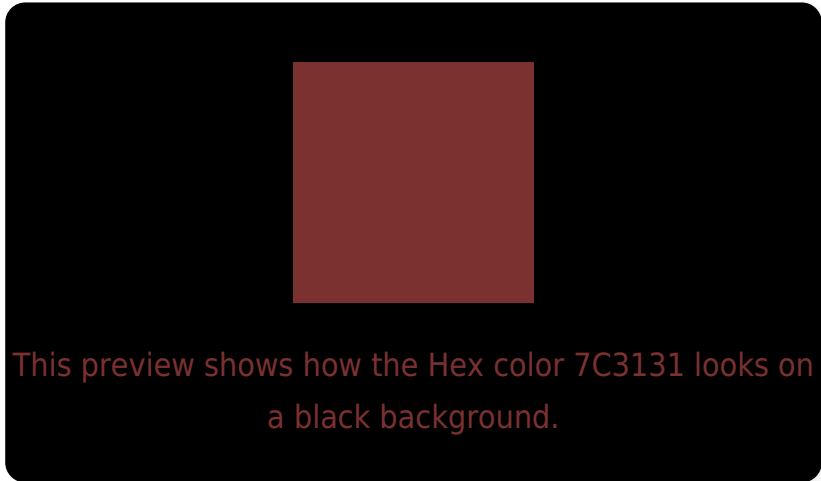
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C3131 Background



This preview shows how black text looks on a background with the Hex color 7C3131.

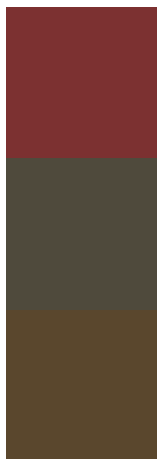


This preview shows how white text looks on a background with the Hex color 7C3131.

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
7C3131

Protanopia
4F4A3C

Deuteranopia
5A472D



Tritanopia
7C3134

Trichromacy



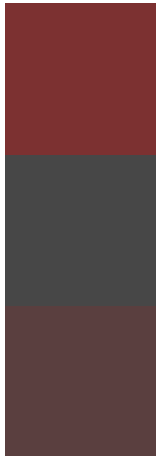
Original Color
7C3131

Protanomaly
5F4138

Deuteranomaly
663F2E

Tritanomaly
7C3133

Monochromacy



Original Color
7C3131

Achromatopsia
474747

Achromatomaly
5A3F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C3131 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 #7C3131 looks like.

```
.text, #text, p{  
    color:#7C3131  
}
```

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 #7C3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3131
}
```

Border

The CSS property to change the border of an element to Hex 7C3131 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
#7C3131 }
```

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

```
.border{ border-color:#7C3131 }
```

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

Here you see how a box with a 4 pixel #7C3131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3131; -webkit-box-shadow:4px 4px  
4px 4px #7C3131; box-shadow:4px 4px 4px  
4px #7C3131 }
```

Background

The CSS property to change the background color of an element to Hex 7C3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3131 }
```

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

```
.background{ background-color:#7C3131 }
```

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