

Converting Colors

Hex(7B5059)

Have a look what the booklet for
Hex(7B5059) contains.

Hex(7B5059)	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(7B5059)

Conversions

Conversions Part 1

Format	Color
Hex	7B5059
RGB	123, 80, 89
RGB Percent	48%, 31%, 35%
CMY	0.5176, 0.6863, 0.6510
CMYK	0.00, 0.35, 0.28, 0.52
HSL	347°, 21%, 40%
HSV	347°, 35%, 48%
XYZ	12.8402, 10.6695, 10.8339
YIQ	93.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

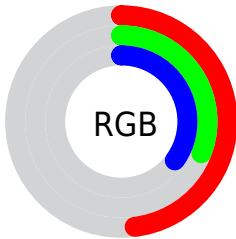
Format	Color
R_{YB}	123, 80, 89
Decimal	8081497
CIE _{Lab}	39.02, 19.41, 2.18
CIE _{LCh}	39, 19.530, 6.415
Yxy	10.6695, 0.3739, 0.3107
Android (android.graphics.Color)	4286271577 (0xFF7B5059)
YUV	93.8830, -2.4073, 25.5356
Hunter-Lab	32.6643, 13.0053, 3.2001

Details

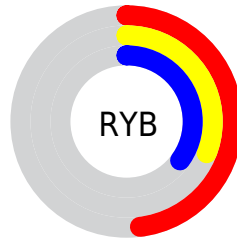
The Hex color **7B5059** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **507B72**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B1828B**, and **49222C** is the 20% darker color. If you saturate the color by 10%, you get **7B444F**, and if you desaturate by 10%, it is **7B5C63**.

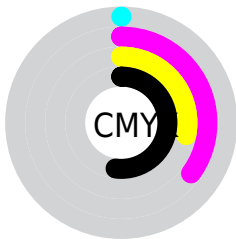
Distribution



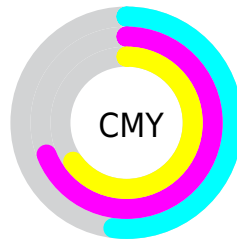
- Red (48%)
- Green (31%)
- Blue (35%)



- Red (48%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5059 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 7B5059 by changing the saturation by 10% instead.

 7B5059

 7B5059

FFFFFF

 613942

 B1828B

 49222C

 CC9CA5

 310D17

 E9B7C0

 1D0001

 FFD3DC

 000000

 FFEFF9

 7B5059

 7B5059

 7B444F

 7B5C63

 7B3746

 7B696C

 7B2B3C

 7B7576

 7B1F32

 7B8180

 7B1228

 7B8E8A

 7B061F

 7B9A93

 7B001A

 7BA69D

 7BB2A7

 7BBFB1

Harmonies

Analogous

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



735269



7B5059



7A524A

Triad

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



7B5059



526142



356179

Complementary

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



7B5059



507B72

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.



28646E



7B5059



40644F

Square

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



7B5059



645C3C



2F655F



4C5C7B

Rectangle

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



7B5059



755542



2F655F



2F6276

Sweetspot

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



7B5059



A19194



72507B



52484A



D1D1D1



525252

Same Dimension

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



7B5059



A15D6B



7B5C50



3D3738



7D001A



FC0035

Inverse Universe

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



7B5059



A15D6B



506F7B



3D3738



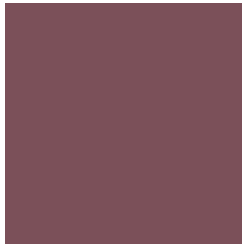
7D001A



FC0035

Previews

White Background



This preview shows how the Hex color 7B5059 looks on a white background.

Color Contrast Check

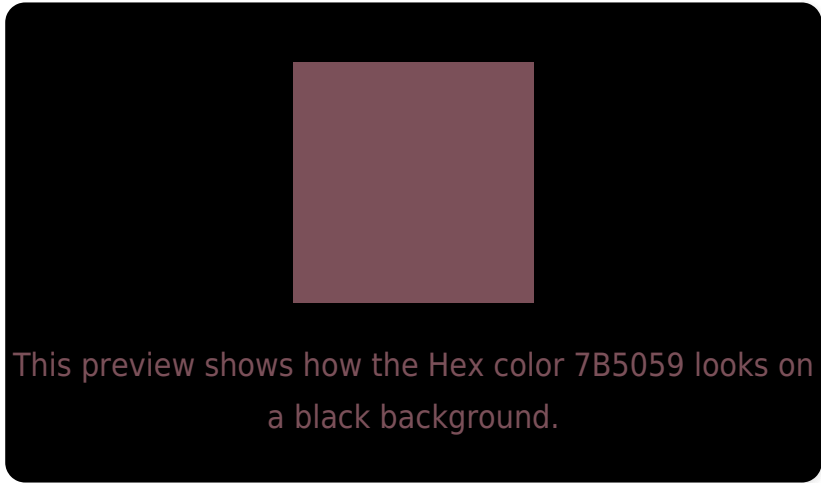
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

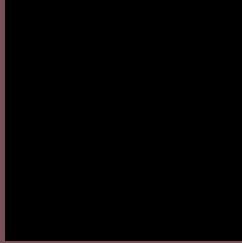
Any Text WCAG AA × Fail

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 7B5059 Background



This preview shows how black text looks on a background with the Hex color 7B5059.



This preview shows how white text looks on a background with the Hex color 7B5059.

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
7B5059

Protanopia
5D5C60

Deuteranopia
675957



Tritanopia
7B5056

Trichromacy



Original Color
7B5059

Protanomaly
68585D

Deuteranomaly
6E5658

Tritanomaly
7B5057

Monochromacy



Original Color
7B5059

Achromatopsia
5E5E5E

Achromatomaly
69595C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5059 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 #7B5059 looks like.

```
.text, #text, p{  
    color:#7B5059  
}
```

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 #7B5059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5059
}
```

Border

The CSS property to change the border of an element to Hex 7B5059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

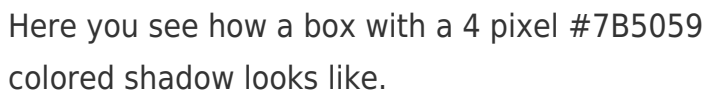
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5059 }
```

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

```
.border{ border-color:#7B5059 }
```

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



Here you see how a box with a 4 pixel #7B5059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5059; -webkit-box-shadow:4px 4px  
4px 4px #7B5059; box-shadow:4px 4px 4px  
4px #7B5059 }
```

Background

The CSS property to change the background color of an element to Hex 7B5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5059 }
```

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

```
.background{ background-color:#7B5059 }
```

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