

Converting Colors

Hex(7B4559)

Have a look what the booklet for
Hex(7B4559) contains.

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Color

Hex(7B4559)

Conversions

Conversions Part 1

Format	Color
Hex	7B4559
RGB	123, 69, 89
RGB Percent	48%, 27%, 35%
CMY	0.5176, 0.7294, 0.6510
CMYK	0.00, 0.44, 0.28, 0.52
HSL	338°, 28%, 38%
HSV	338°, 44%, 48%
XYZ	12.0997, 9.1885, 10.5870
YIQ	87.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

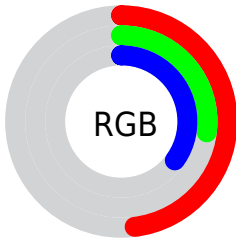
Format	Color
R_{YB}	123, 69, 89
Decimal	8078681
CIE Lab	36.34, 25.90, -1.72
CIE LCh	36, 25.959, 356.205
Yxy	9.1885, 0.3796, 0.2883
Android (android.graphics.Color)	4286268761 (0xFF7B4559)
YUV	87.4260, 0.7760, 31.1984
Hunter-Lab	30.3125, 18.2041, 0.5109

Details

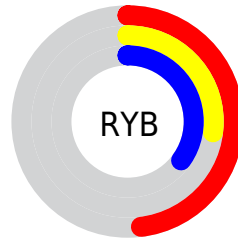
The Hex color **7B4559** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **457B67**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B1768B**, and **48172C** is the 20% darker color. If you saturate the color by 10%, you get **7B3951**, and if you desaturate by 10%, it is **7B5161**.

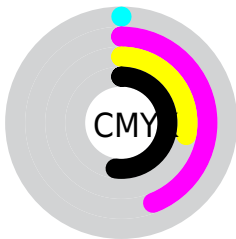
Distribution



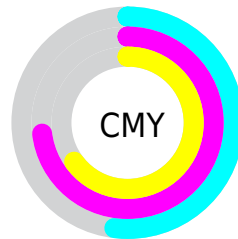
- Red (48%)
- Green (27%)
- Blue (35%)



- Red (48%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4559 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 7B4559 by changing the saturation by 10% instead.

 7B4559

 7B4559

FFFFFF

 612E42

 B1768B

 48172C

 CD90A5

 300017

 EAABC0

 160000

 FFC7DC

 000000

 FFE3F9

 7B4559

 7B4559

 7B3951

 7B5161

 7B2C4A

 7B5E68

 7B2042

 7B6A70

 7B143A

 7B7678

 7B0732

 7B8380

 7B002E

 7B8F87

 7B9B8F

 7BA797

 7BB49F

Harmonies

Analogous

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



6D4A6D



7B4559



7D4644

Triad

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



7B4559



505A2F



005E78

Complementary

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



7B4559



457B67

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.



006067



7B4559



375E3E

Square

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



7B4559



65532B



166052



30587F

Rectangle

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



7B4559



794A38



166052



005F73

Sweetspot

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



7B4559



A18C94



66457B



524549



D1D1D1



525252

Same Dimension

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



7B4559



A14C6B



7B4B45



3D3739



7D002E



FC005D

Inverse Universe

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



7B4559



A14C6B



45757B



3D3739



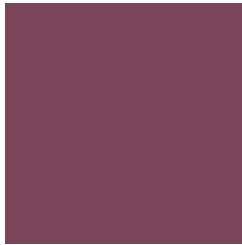
7D002E



FC005D

Previews

White Background



This preview shows how the Hex color 7B4559 looks on a white background.

Color Contrast Check

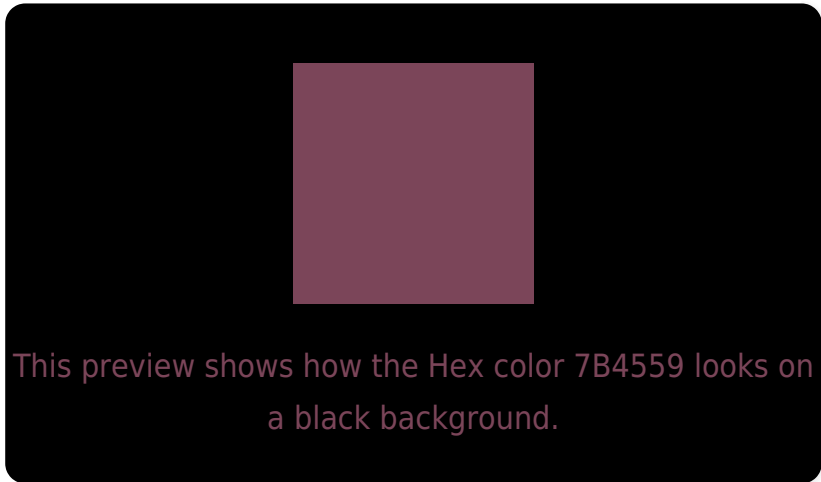
Large Text (above 18pt) WCAG AA ✓ Pass

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

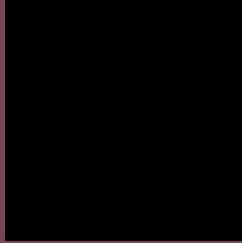
Any Text WCAG AA × Fail

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 7B4559 Background



This preview shows how black text looks on a background with the Hex color 7B4559.



This preview shows how white text looks on a background with the Hex color 7B4559.

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
7B4559

Protanopia
545563

Deuteranopia
5E5357



Tritanopia
7A474D

Trichromacy



Original Color

7B4559

Protanomaly

624F5F

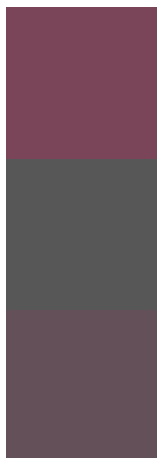
Deuteranomaly

694E58

Tritanomaly

7A4651

Monochromacy



Original Color

7B4559

Achromatopsia

575757

Achromatomaly

645058

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4559 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 #7B4559 looks like.

```
.text, #text, p{  
    color:#7B4559  
}
```

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 #7B4559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4559
}
```

Border

The CSS property to change the border of an element to Hex 7B4559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

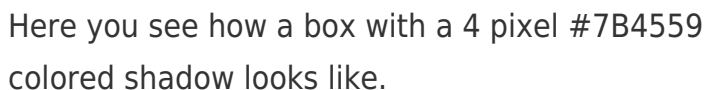
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4559 }
```

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

```
.border{ border-color:#7B4559 }
```

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



Here you see how a box with a 4 pixel #7B4559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4559; -webkit-box-shadow:4px 4px  
4px 4px #7B4559; box-shadow:4px 4px 4px  
4px #7B4559 }
```

Background

The CSS property to change the background color of an element to Hex 7B4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4559 }
```

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

```
.background{ background-color:#7B4559 }
```

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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