

Converting Colors

Hex(7B4558)

Have a look what the booklet for
Hex(7B4558) contains.

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Color

Hex(7B4558)

Conversions

Conversions Part 1

Format	Color
Hex	7B4558
RGB	123, 69, 88
RGB Percent	48%, 27%, 35%
CMY	0.5176, 0.7294, 0.6549
CMYK	0.00, 0.44, 0.28, 0.52
HSL	339°, 28%, 38%
HSV	339°, 44%, 48%
XYZ	12.0580, 9.1718, 10.3673
YIQ	87.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

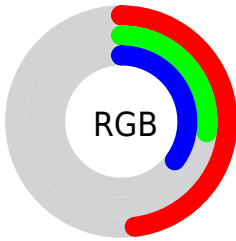
Format	Color
R_{YB}	123, 69, 88
Decimal	8078680
CIE _{Lab}	36.31, 25.75, -1.13
CIE _{LCh}	36, 25.774, 357.482
Yxy	9.1718, 0.3816, 0.2903
Android (android.graphics.Color)	4286268760 (0xFF7B4558)
YUV	87.3120, 0.3392, 31.2984
Hunter-Lab	30.2849, 18.0711, 0.9029

Details

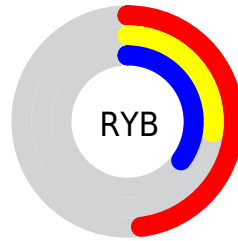
The Hex color **7B4558** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **457B68**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B1768A**, and **48172B** is the 20% darker color. If you saturate the color by 10%, you get **7B3950**, and if you desaturate by 10%, it is **7B5160**.

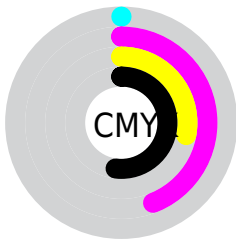
Distribution



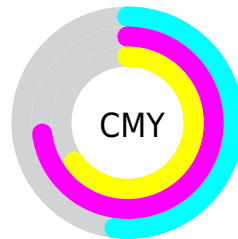
- Red (48%)
- Green (27%)
- Blue (35%)



- 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 7B4558 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 7B4558 by changing the saturation by 10% instead.

 7B4558

 7B4558

FFFFFF

 612E41

 B1768A

 48172B

 CD90A4

 300016

 EAABBF

 160000

 FFC7DB

 000000

 FFE3F7

 7B4558

 7B4558

 7B3950

 7B5160

 7B2C48

 7B5E68

 7B2040

 7B6A70

 7B1438

 7B7678

 7B0730

 7B8380

 7B002B

 7B8F88

 7B9B90

 7BA798

 7BB4A0

Harmonies

Analogous

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



6E496C



7B4558



7D4643

Triad

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



7B4558



4F5A30



005D78

Complementary

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



7B4558



457B68

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.



006068



7B4558



365E3E

Square

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



7B4558



64542C



156053



32587E

Rectangle

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



7B4558



784A38



156053



005E73

Sweetspot

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



7B4558



A18C93



67457B



524549



D1D1D1



525252

Same Dimension

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



7B4558



A14C69



7B4C45



3D3739



7D002C



FC0059

Inverse Universe

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



7B4558



A14C69



45747B



3D3739



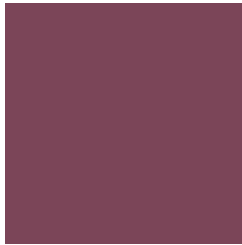
7D002C



FC0059

Previews

White Background



This preview shows how the Hex color 7B4558 looks on a white background.

Color Contrast Check

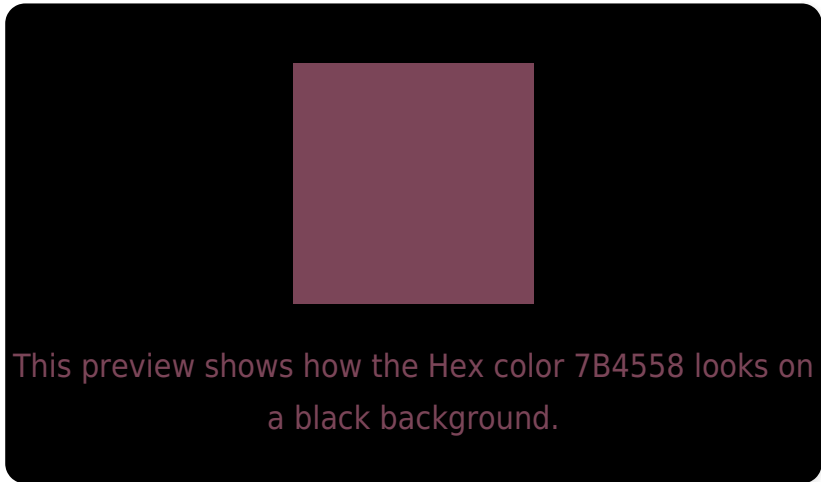
Large Text (above 18pt) WCAG AA ✓ Pass

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

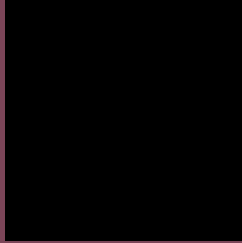
Any Text WCAG AA × Fail

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 7B4558 Background



This preview shows how black text looks on a background with the Hex color 7B4558.

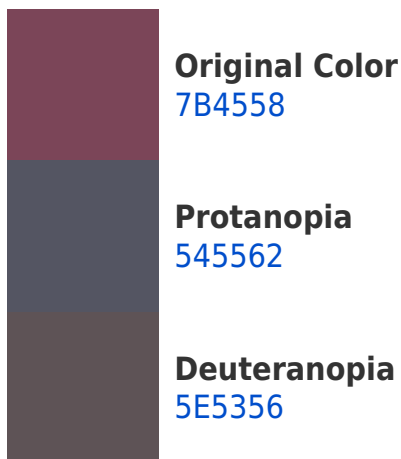


This preview shows how white text looks on a background with the Hex color 7B4558.

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





Tritanopia
7A474C

Trichromacy



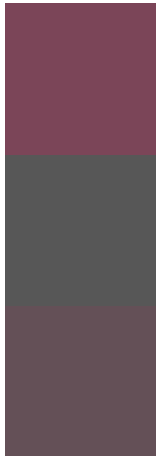
Original Color
7B4558

Protanomaly
624F5E

Deuteranomaly
694E57

Tritanomaly
7A4650

Monochromacy



Original Color
7B4558

Achromatopsia
575757

Achromatomaly
645057

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4558 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 #7B4558 looks like.

```
.text, #text, p{  
  color:#7B4558  
}
```

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 #7B4558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4558
}
```

Border

The CSS property to change the border of an element to Hex 7B4558 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
#7B4558 }
```

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

```
.border{ border-color:#7B4558 }
```

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

Here you see how a box with a 4 pixel #7B4558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4558; -webkit-box-shadow:4px 4px  
4px 4px #7B4558; box-shadow:4px 4px 4px  
4px #7B4558 }
```

Background

The CSS property to change the background color of an element to Hex 7B4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4558 }
```

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

```
.background{ background-color:#7B4558 }
```

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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