

# Converting Colors

Hex(7B465C)

Have a look what the booklet for  
Hex(7B465C) contains.

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**Color**

**Hex(7B465C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B465C
RGB	123, 70, 92
RGB Percent	48%, 27%, 36%
CMY	0.5176, 0.7255, 0.6392
CMYK	0.00, 0.43, 0.25, 0.52
HSL	335°, 27%, 38%
HSV	335°, 43%, 48%
XYZ	12.2903, 9.3640, 11.2849
YIQ	88.3550, 24.5260, 18.0780

# Conversions

## Conversions Part 2

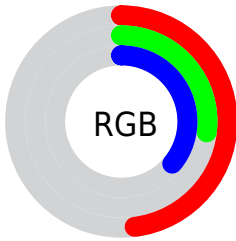
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 70, 92
Decimal	8078940
CIE <sub>Lab</sub>	36.68, 25.79, -3.12
CIE <sub>LCh</sub>	37, 25.977, 353.091
Yxy	9.3640, 0.3731, 0.2843
Android (android.graphics.Color)	4286269020 (0xFF7B465C)
YUV	88.3550, 1.7970, 30.3837
Hunter-Lab	30.6006, 18.1409, -0.4445

# Details

The Hex color **7B465C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467B65**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B1778E**, and **48182E** is the 20% darker color. If you saturate the color by 10%, you get **7B3A55**, and if you desaturate by 10%, it is **7B5263**.

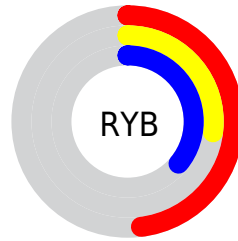
# Distribution



Red (48%)

Green (27%)

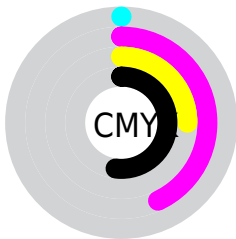
Blue (36%)



Red (48%)

Yellow (27%)

Blue (36%)

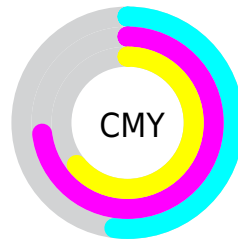


Cyan (0%)

Magenta (43%)

Yellow (25%)

Black (52%)



Cyan (52%)

Magenta (73%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B465C 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 7B465C by changing the saturation by 10% instead.



 7B465C

 7B465C

FFFFFF

 612F45

 B1778E

 48182E

 CD92A9

 30011A

 E9ACC4

 180001

 FFC8E0

 000000

 FFE4FC

 7B465C

 7B465C

 7B3A55

 7B5263

 7B2D4E

 7B5F6A

 7B2146

 7B6B72

 7B153F

 7B7779

 7B0838

 7B8480

 7B0033

 7B9087

 7B9C8E

 7BA896

 7BB59D

# Harmonies

## Analogous

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



6C4B70



7B465C



7E4747

# Triad

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



7B465C



535A2F



005F77

# Complementary

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



7B465C



467B65

# 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.



006166



7B465C



3B5F3C

# Square

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



7B465C



68532C



1B6151



2C5A7F

# Rectangle

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



7B465C



7B4A3B



1B6151



006072



# Sweetspot

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



7B465C



A18C94



65467B



52454A



D1D1D1



525252



# Same Dimension

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



7B465C



A14D70



7B4A46



3D373A



7D0034



FC0069



# Inverse Universe

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



7B465C



A14D70



46777B



3D373A



7D0034

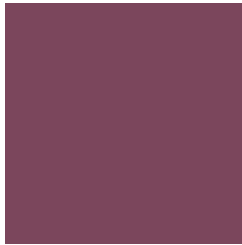


FC0069



# Previews

## White Background



This preview shows how the Hex color 7B465C looks on a white background.

## Color Contrast Check

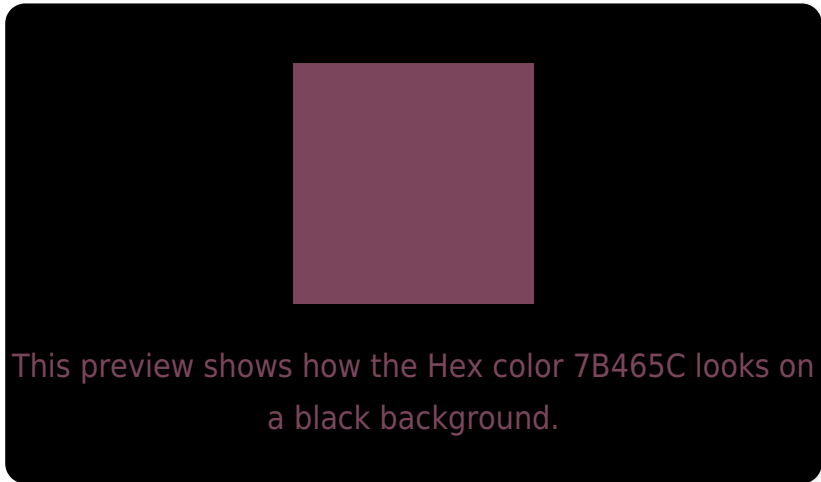
Large Text (above 18pt) WCAG AA ✓ Pass

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

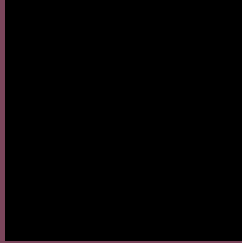
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B465C Background



This preview shows how black text looks on a background with the Hex color 7B465C.

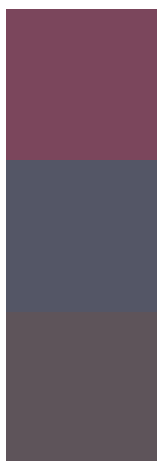


This preview shows how white text looks on a background with the Hex color 7B465C.

# 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**  
7B465C

**Protanopia**  
545666

**Deuteranopia**  
5E545A



**Tritanopia**  
7A494E

# Trichromacy



**Original Color**  
7B465C

**Protanomaly**  
625062

**Deuteranomaly**  
694F5B

**Tritanomaly**  
7A4853

# Monochromacy



**Original Color**  
7B465C

**Achromatopsia**  
585858

**Achromatomaly**  
655159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B465C 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 #7B465C looks like.

```
.text, #text, p{  
    color:#7B465C  
}
```

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 #7B465C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B465C
}
```

## Border

The CSS property to change the border of an element to Hex 7B465C is called "border". The border property can be set on classes, ids or directly on the HTML element.

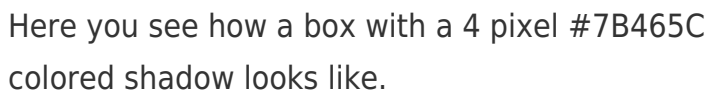
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B465C }
```

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

```
.border{ border-color:#7B465C }
```

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



Here you see how a box with a 4 pixel #7B465C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B465C; -webkit-box-shadow:4px 4px  
4px 4px #7B465C; box-shadow:4px 4px 4px  
4px #7B465C }
```

# Background

The CSS property to change the background color of an element to Hex 7B465C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B465C }
```

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

```
.background{ background-color:#7B465C }
```

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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