

Converting Colors

Hex(7B4466)

Have a look what the booklet for
Hex(7B4466) contains.

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Color

Hex(7B4466)

Conversions

Conversions Part 1

Format	Color
Hex	7B4466
RGB	123, 68, 102
RGB Percent	48%, 27%, 40%
CMY	0.5176, 0.7333, 0.6000
CMYK	0.00, 0.45, 0.17, 0.52
HSL	323°, 29%, 37%
HSV	323°, 45%, 48%
XYZ	12.6338, 9.3045, 13.7004
YIQ	88.3210, 21.8660, 22.2340

Conversions

Conversions Part 2

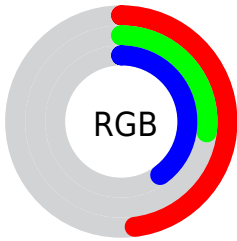
Format	Color
R_{YB}	123, 68, 102
Decimal	8078438
CIE _{Lab}	36.56, 28.60, -9.59
CIE _{LCh}	37, 30.169, 341.461
Yxy	9.3045, 0.3545, 0.2611
Android (android.graphics.Color)	4286268518 (0xFF7B4466)
YUV	88.3210, 6.7437, 30.4135
Hunter-Lab	30.5033, 20.5499, -5.2776

Details

The Hex color **7B4466** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **447B59**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B17699**, and **481537** is the 20% darker color. If you saturate the color by 10%, you get **7B3861**, and if you desaturate by 10%, it is **7B506B**.

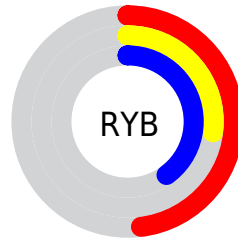
Distribution



Red (48%)

Green (27%)

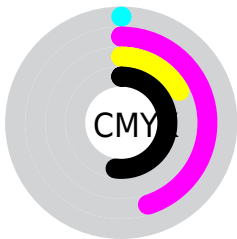
Blue (40%)



Red (48%)

Yellow (27%)

Blue (40%)

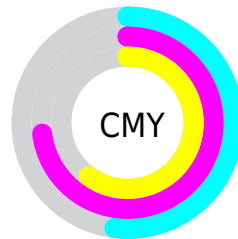


Cyan (0%)

Magenta (45%)

Yellow (17%)

Black (52%)



Cyan (52%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4466 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 7B4466 by changing the saturation by 10% instead.

 7B4466

 7B4466

FFFFFF

 612C4E

 B17699

 481537

 CD90B4

 310022

 E9AACF

 19000A

 FFC6EC

 000000

 FFE2FF

 7B4466

 7B4466

 7B3861

 7B506B

 7B2B5D

 7B5D6F

 7B1F58

 7B6974

 7B1353

 7B7579

 7B074F

 7B827D

 7B004C

 7B8E82

 7B9A87

 7BA68C

 7BB390

Harmonies

Analogous

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



644C7A



7B4466



84424E

Triad

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



7B4466



5C5825



006175

Complementary

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



7B4466



447B59

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.



00625F



7B4466



415E30

Square

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



7B4466



714F28



1D6146



005D84

Rectangle

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



7B4466



82443E



1D6146



00626F

Sweetspot

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



7B4466



A18C99



58447B



52454D



D1D1D1



525252

Same Dimension

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



7B4466



A14A80



7B444B



3D373B



7D004D



FC009C

Inverse Universe

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



7B4466



A14A80



447B74



3D373B



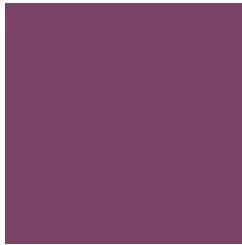
7D004D



FC009C

Previews

White Background



This preview shows how the Hex color 7B4466 looks on a white background.

Color Contrast Check

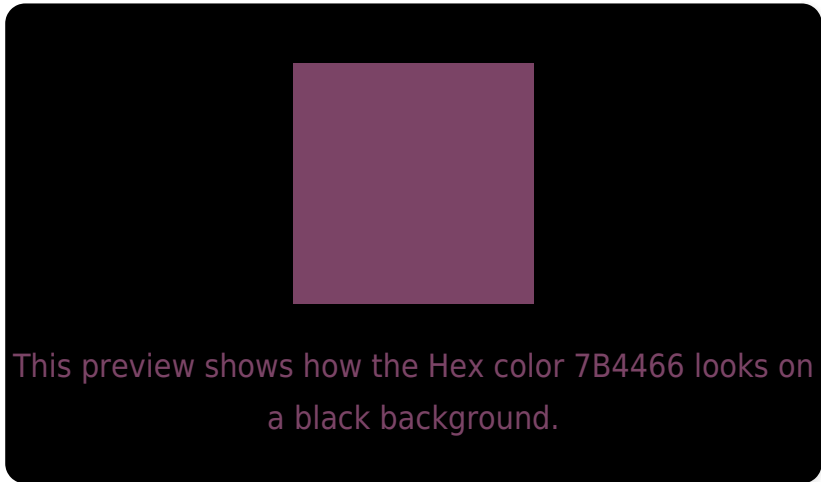
Large Text (above 18pt) WCAG AA ✓ Pass

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

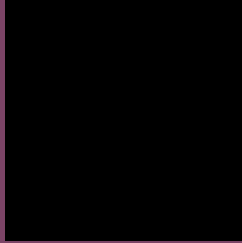
Any Text WCAG AA × Fail

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 7B4466 Background



This preview shows how black text looks on a background with the Hex color 7B4466.



This preview shows how white text looks on a background with the Hex color 7B4466.

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
7B4466

Protanopia
4F5572

Deuteranopia
595463



Tritanopia
78494E

Trichromacy



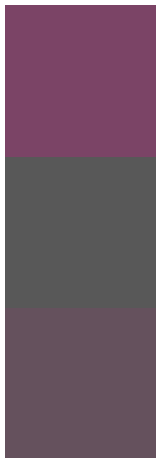
Original Color
7B4466

Protanomaly
5F4F6E

Deuteranomaly
654E64

Tritanomaly
794757

Monochromacy



Original Color
7B4466

Achromatopsia
585858

Achromatomaly
65515D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4466 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 #7B4466 looks like.

```
.text, #text, p{  
    color:#7B4466  
}
```

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 #7B4466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4466
}
```

Border

The CSS property to change the border of an element to Hex 7B4466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

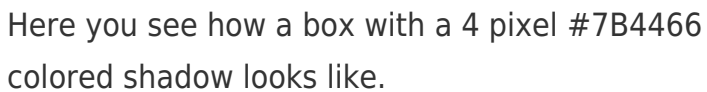
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4466 }
```

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

```
.border{ border-color:#7B4466 }
```

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



Here you see how a box with a 4 pixel #7B4466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4466; -webkit-box-shadow:4px 4px  
4px 4px #7B4466; box-shadow:4px 4px 4px  
4px #7B4466 }
```

Background

The CSS property to change the background color of an element to Hex 7B4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4466 }
```

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

```
.background{ background-color:#7B4466 }
```

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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