

# Converting Colors

Hex(7B365A)

Have a look what the booklet for  
Hex(7B365A) contains.

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# Color

**Hex(7B365A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B365A
RGB	123, 54, 90
RGB Percent	48%, 21%, 35%
CMY	0.5176, 0.7882, 0.6471
CMYK	0.00, 0.56, 0.27, 0.52
HSL	329°, 39%, 35%
HSV	329°, 56%, 48%
XYZ	11.3330, 7.5875, 10.5401
YIQ	78.7350, 29.5680, 25.8240

# Conversions

## Conversions Part 2

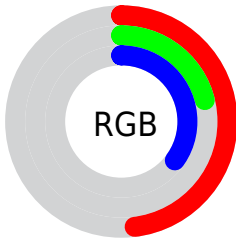
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 54, 90
Decimal	8074842
CIE <sub>Lab</sub>	33.11, 34.42, -7.16
CIE <sub>LCh</sub>	33, 35.159, 348.247
Yxy	7.5875, 0.3847, 0.2575
Android (android.graphics.Color)	4286264922 (0xFF7B365A)
YUV	78.7350, 5.5536, 38.8204
Hunter-Lab	27.5454, 25.2360, -3.4052

# Details

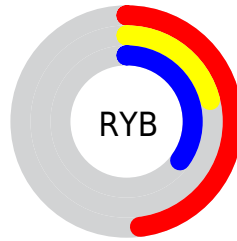
The Hex color **7B365A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **367B57**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B1688C**, and **47022C** is the 20% darker color. If you saturate the color by 10%, you get **7B2A54**, and if you desaturate by 10%, it is **7B4260**.

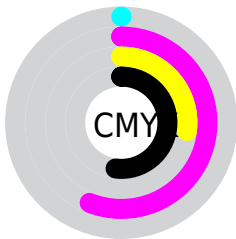
# Distribution



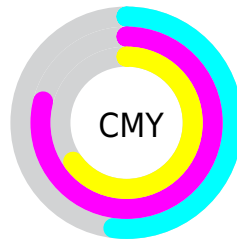
- Red (48%)
- Green (21%)
- Blue (35%)



- Red (48%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (52%)



- Cyan (52%)
- Magenta (79%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B365A 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 7B365A by changing the saturation by 10% instead.



 7B365A

 7B365A

FFFFFF

 611D43

 B1688C

 47022C

 CE82A6

 300018

 EB9CC2

 0C0000

 FFB8DD

 000000

 FFD4FA

 FFF0FF

 7B365A

 7B365A

 7B2A54

 7B4260

 7B1D4E

 7B4F66

 7B1148

 7B5B6C

 7B0542

 7B6772

 7B0040

 7B7477

 7B807D

 7B8C83

 7B9889

 7BA58F

# Harmonies

## Analogous

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



653F73



7B365A



81353E

# Triad

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



7B365A



4D5215



005977

# Complementary

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



7B365A



367B57

# 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.



005B5E



7B365A



2C5827

# Square

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



7B365A



664914



005B42



005484

# Rectangle

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



7B365A



7D3A2D



005B42



005A70



# Sweetspot

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



7B365A



A18594



56367B



52414A



D1D1D1



525252



# Same Dimension

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



7B365A



A1356D



7B3638



3D373A



7D0041



FC0084



# Inverse Universe

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



7B365A



A1356D



367B79



3D373A



7D0041

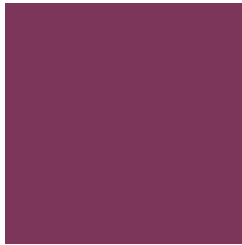


FC0084



# Previews

## White Background



This preview shows how the Hex color 7B365A looks on a white background.

## Color Contrast Check

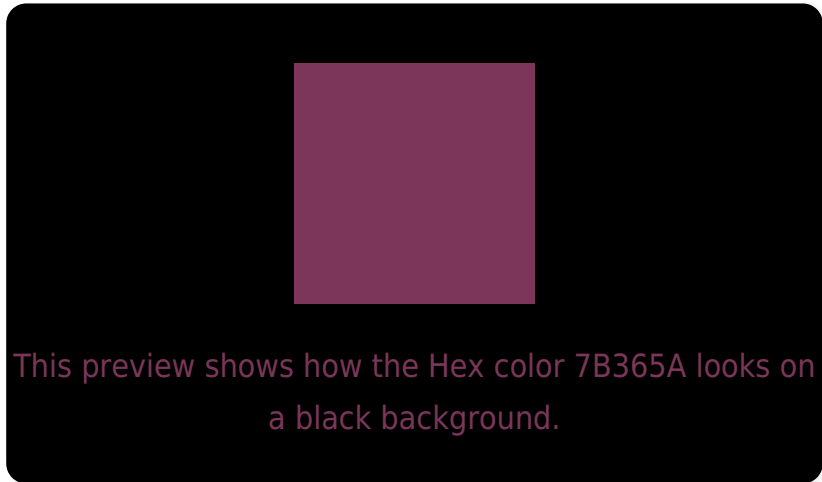
Large Text (above 18pt) WCAG AA ✓ Pass

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

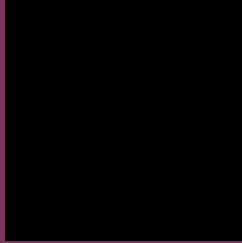
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B365A Background



This preview shows how black text looks on a background with the Hex color 7B365A.



This preview shows how white text looks on a background with the Hex color 7B365A.

# 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**  
793C40

# Trichromacy



**Original Color**  
7B365A

**Protanomaly**  
594564

**Deuteranomaly**  
624457

**Tritanomaly**  
7A3A49

# Monochromacy



**Original Color**  
7B365A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5F4653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B365A 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 #7B365A looks like.

```
.text, #text, p{  
    color:#7B365A  
}
```

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 #7B365A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B365A
}
```

## Border

The CSS property to change the border of an element to Hex 7B365A is called "border". The border property can be set on classes, ids or directly on the HTML element.

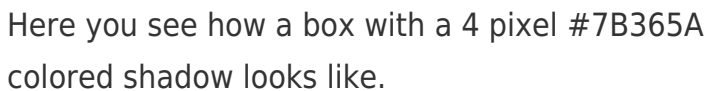
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B365A }
```

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

```
.border{ border-color:#7B365A }
```

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



Here you see how a box with a 4 pixel `#7B365A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B365A; -webkit-box-shadow:4px 4px  
4px 4px #7B365A; box-shadow:4px 4px 4px  
4px #7B365A }
```

# Background

The CSS property to change the background color of an element to Hex 7B365A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B365A }
```

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

```
.background{ background-color:#7B365A }
```

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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