

Converting Colors

Hex(7A3D84)

Have a look what the booklet for
Hex(7A3D84) contains.

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Color

Hex(7A3D84)

Conversions

Conversions Part 1

Format	Color
Hex	7A3D84
RGB	122, 61, 132
RGB Percent	48%, 24%, 52%
CMY	0.5216, 0.7608, 0.4824
CMYK	0.08, 0.54, 0.00, 0.48
HSL	292°, 37%, 38%
HSV	292°, 54%, 52%
XYZ	13.8596, 9.1410, 22.8637
YIQ	87.3330, 13.5650, 35.0130

Conversions

Conversions Part 2

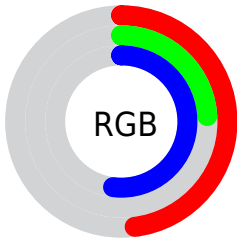
Format	Color
R_{YB}	122, 61, 132
Decimal	8011140
CIE _{Lab}	36.25, 37.94, -28.78
CIE _{LCh}	36, 47.621, 322.815
Yxy	9.1410, 0.3022, 0.1993
Android (android.graphics.Color)	4286201220 (0xFF7A3D84)
YUV	87.3330, 22.0208, 30.4030
Hunter-Lab	30.2341, 28.9167, -23.6726

Details

The Hex color **7A3D84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47843D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B06FB9**, and **470A52** is the 20% darker color. If you saturate the color by 10%, you get **783084**, and if you desaturate by 10%, it is **7C4A84**.

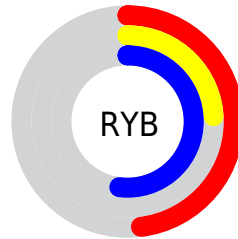
Distribution



Red (48%)

Green (24%)

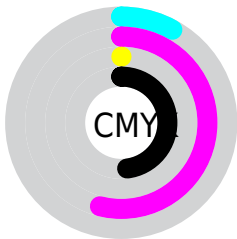
Blue (52%)



Red (48%)

Yellow (24%)

Blue (52%)

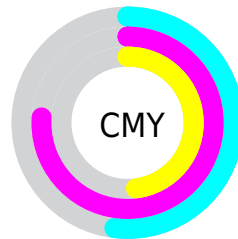


Cyan (8%)

Magenta (54%)

Yellow (0%)

Black (48%)



Cyan (52%)

Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3D84 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 7A3D84 by changing the saturation by 10% instead.

7A3D84

7A3D84

FFFFFF

60256B

B06FB9

470A52

CC89D5

2F003B

E9A4F2

170025

FFC0FF

00000C

FFDCFF

000000

FFF9FF

7A3D84

7A3D84

783084

7C4A84

762384

7E5784

741584

806584

730884

817284

710084

837F84

858C84

879984

89A784

8BB484

Harmonies

Analogous

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



414F9C



7A3D84



942E60

Triad

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



7A3D84



6F5000



006772

Complementary

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



7A3D84



47843D

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.



00664B



7A3D84



4B5C00

Square

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



7A3D84



8A4017



116324



006492

Rectangle

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



7A3D84



992D47



116324



006765

Sweetspot

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



7A3D84



A790AB



3D4884



544657



D6D6D6



575757

Same Dimension

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



7A3D84



9B3CAB



843D6B



413C42



700082



020003

Inverse Universe

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



843D47



AB3C4B



3D8456



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 7A3D84 looks on a white background.

Color Contrast Check

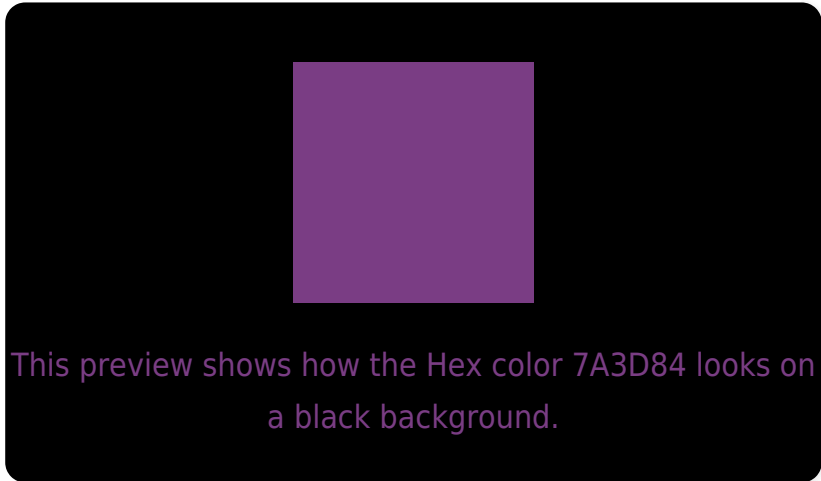
Large Text (above 18pt) WCAG AA ✓ Pass

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

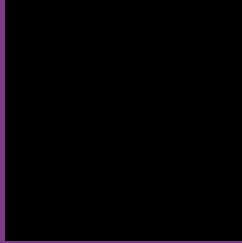
Any Text WCAG AA × Fail

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 7A3D84 Background



This preview shows how black text looks on a background with the Hex color 7A3D84.

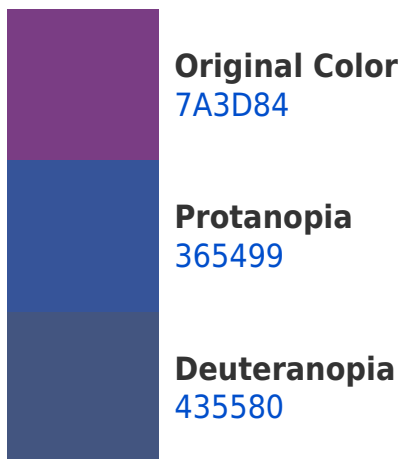



This preview shows how white text looks on a background with the Hex color 7A3D84.

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
734A50

Trichromacy



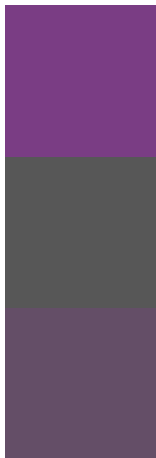
Original Color
7A3D84

Protanomaly
4F4C91

Deuteranomaly
574C81

Tritanomaly
764563

Monochromacy



Original Color
7A3D84

Achromatopsia
575757

Achromatomaly
644E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3D84 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 #7A3D84 looks like.

```
.text, #text, p{  
    color:#7A3D84  
}
```

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 #7A3D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3D84
}
```

Border

The CSS property to change the border of an element to Hex 7A3D84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

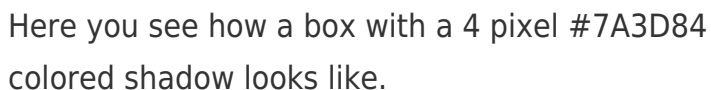
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3D84 }
```

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

```
.border{ border-color:#7A3D84 }
```

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



Here you see how a box with a 4 pixel #7A3D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3D84; -webkit-box-shadow:4px 4px  
4px 4px #7A3D84; box-shadow:4px 4px 4px  
4px #7A3D84 }
```

Background

The CSS property to change the background color of an element to Hex 7A3D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3D84 }
```

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

```
.background{ background-color:#7A3D84 }
```

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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