

Converting Colors

Hex(7A3084)

Have a look what the booklet for
Hex(7A3084) contains.

Hex(7A3084)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A3084)

Conversions

Conversions Part 1

Format	Color
Hex	7A3084
RGB	122, 48, 132
RGB Percent	48%, 19%, 52%
CMY	0.5216, 0.8118, 0.4824
CMYK	0.08, 0.64, 0.00, 0.48
HSL	293°, 47%, 35%
HSV	293°, 64%, 52%
XYZ	13.2478, 7.9174, 22.6598
YIQ	79.7020, 17.1400, 41.8120

Conversions

Conversions Part 2

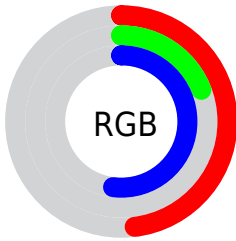
Format	Color
R_{YB}	122, 48, 132
Decimal	8007812
CIE _{Lab}	33.81, 44.54, -32.64
CIE _{LCh}	34, 55.222, 323.766
Yxy	7.9174, 0.3023, 0.1807
Android (android.graphics.Color)	4286197892 (0xFF7A3084)
YUV	79.7020, 25.7829, 37.0953
Hunter-Lab	28.1379, 34.7997, -28.0503

Details

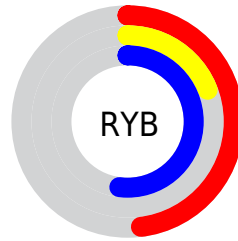
The Hex color **7A3084** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3A8430**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B163BA**, and **460052** is the 20% darker color. If you saturate the color by 10%, you get **782384**, and if you desaturate by 10%, it is **7C3D84**.

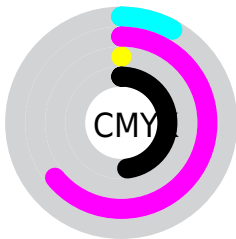
Distribution



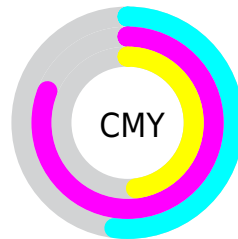
- Red (48%)
- Green (19%)
- Blue (52%)



- Red (48%)
- Yellow (19%)
- Blue (52%)



- Cyan (8%)
- Magenta (64%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (81%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3084 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 7A3084 by changing the saturation by 10% instead.

 7A3084

 7A3084

FFFFFF

 60156A

 B163BA

 460052

 CD7DD5

 2E003A

 EA98F2

 120024

 FFB4FF

 00000B

 FFD0FF

 000000

 FFEDFF

 7A3084

 7A3084

 782384

 7C3D84

771684

7D4A84

750884

7F5884

740084

806584

827284

837F84

858C84

879A84

88A784

Harmonies

Analogous

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



3448A1



7A3084



97175B

Triad

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



7A3084



694B00



006272

Complementary

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



7A3084



3A8430

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.



006245



7A3084



405700

Square

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



7A3084



883601



005E15



006096

Rectangle

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



7A3084



9B173D



005E15



006263

Sweetspot

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



7A3084



A78AAB



303B84



544357



D6D6D6



575757

Same Dimension

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



7A3084



9B29AB



843065



423C42



730082



020003

Inverse Universe

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



84303A



AB2938



30844F



423C3C



82000F



030000

Previews

White Background



This preview shows how the Hex color 7A3084 looks on a white background.

Color Contrast Check

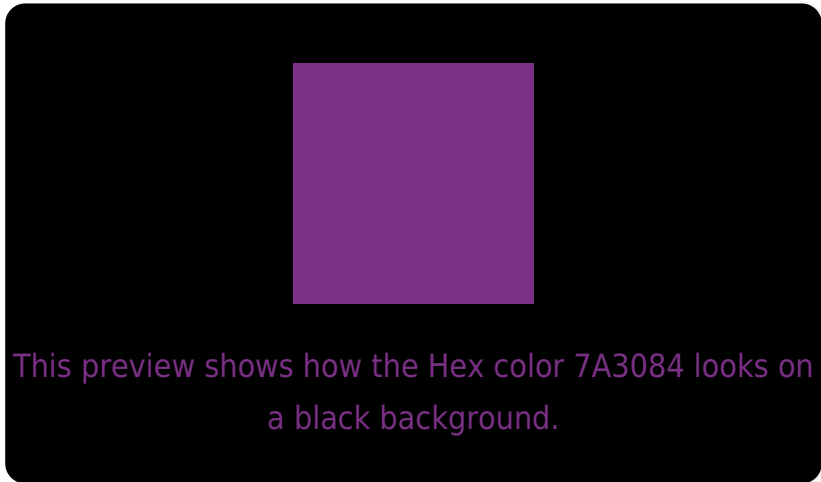
Large Text (above 18pt) WCAG AA ✓ Pass

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

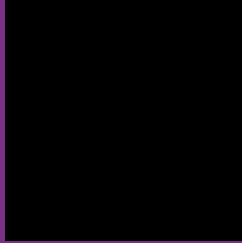
Any Text WCAG AA × Fail

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 7A3084 Background



This preview shows how black text looks on a background with the Hex color 7A3084.

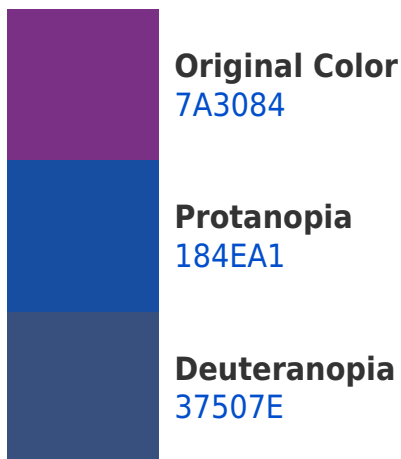


This preview shows how white text looks on a background with the Hex color 7A3084.

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
724247

Trichromacy



Original Color
7A3084



Protanomaly
3C4396



Deuteranomaly
4F4480

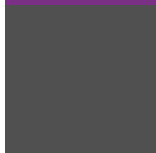


Tritanomaly
753B5D

Monochromacy



Original Color
7A3084



Achromatopsia
505050



Achromatomaly
5F4463

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3084 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 #7A3084 looks like.

```
.text, #text, p{  
    color:#7A3084  
}
```

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 #7A3084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3084
}
```

Border

The CSS property to change the border of an element to Hex 7A3084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

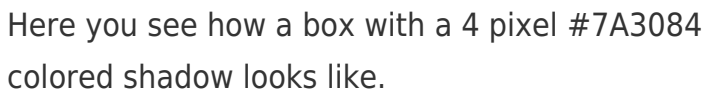
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3084 }
```

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

```
.border{ border-color:#7A3084 }
```

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



Here you see how a box with a 4 pixel #7A3084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3084; -webkit-box-shadow:4px 4px  
4px 4px #7A3084; box-shadow:4px 4px 4px  
4px #7A3084 }
```

Background

The CSS property to change the background color of an element to Hex 7A3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3084 }
```

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

```
.background{ background-color:#7A3084 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor