

Converting Colors

Hex(7A3680)

Have a look what the booklet for
Hex(7A3680) contains.

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Color

Hex(7A3680)

Conversions

Conversions Part 1

Format	Color
Hex	7A3680
RGB	122, 54, 128
RGB Percent	48%, 21%, 50%
CMY	0.5216, 0.7882, 0.4980
CMYK	0.05, 0.58, 0.00, 0.50
HSL	295°, 41%, 36%
HSV	295°, 58%, 50%
XYZ	13.2415, 8.3344, 21.3329
YIQ	82.7680, 16.7740, 37.4300

Conversions

Conversions Part 2

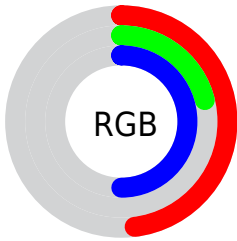
Format	Color
R_{YB}	122, 54, 128
Decimal	8009344
CIE _{Lab}	34.67, 40.80, -28.80
CIE _{LCh}	35, 49.937, 324.781
Yxy	8.3344, 0.3086, 0.1942
Android (android.graphics.Color)	4286199424 (0xFF7A3680)
YUV	82.7680, 22.2994, 34.4065
Hunter-Lab	28.8694, 31.3509, -23.6034




Details

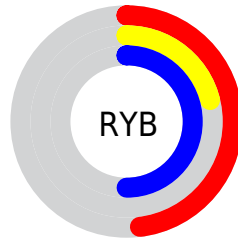
The Hex color **7A3680** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C8036**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **B069B5**, and **47004E** is the 20% darker color. If you saturate the color by 10%, you get **792980**, and if you desaturate by 10%, it is **7B4380**.

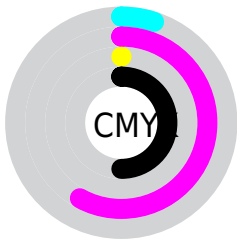
Distribution







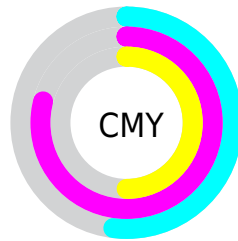
-  Red (48%)
-  Green (21%)
-  Blue (50%)






-  Red (48%)
-  Yellow (21%)
-  Blue (50%)



-  Cyan (5%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (52%)
-  Magenta (79%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3680 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 7A3680 by changing the saturation by 10% instead.

 7A3680

 7A3680

FFFFFF

 601D67

 B069B5

 47004E

 CC83D1

 2F0037

 E99DED

 140021

 FFB9FF

 000006

 FFD5FF

 000000

 FFF2FF

 7A3680

 7A3680

 792980

 7B4380

781C80

7C5080

771080

7D5C80

760380

7E6980

760080

7F7680

808380

819080

829C80

83A980

Harmonies

Analogous

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



404A9A



7A3680



94255A

Triad

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



7A3680



694D00



006372

Complementary

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



7A3680



3C8036

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.



006349



7A3680



435900

Square

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



7A3680



863C0D



006020



006092

Rectangle

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



7A3680



972640



006020



006365

Sweetspot

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



7A3680



A38AA6



363C80



534354



D4D4D4



545454

Same Dimension

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



7A3680



9C33A6



803661



3F3940



750080



000000

Inverse Universe

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



80363C



A6333D



368055



40393A



80000A



000000

Previews

White Background



This preview shows how the Hex color 7A3680 looks on a white background.

Color Contrast Check

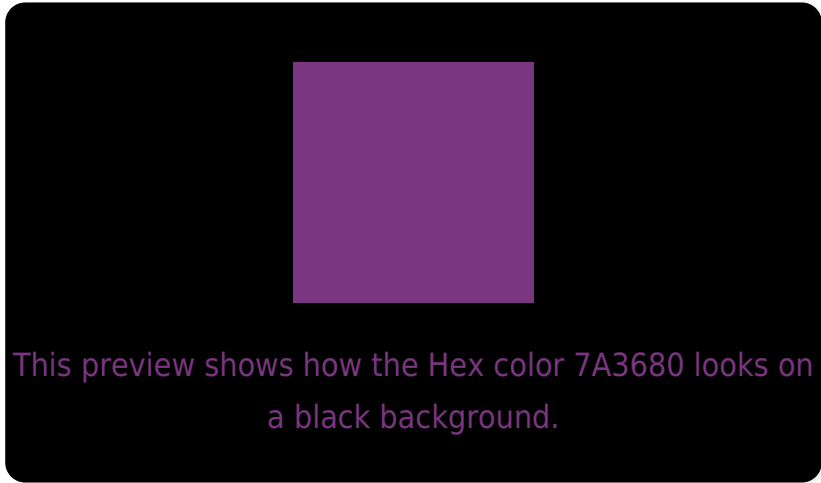
Large Text (above 18pt) WCAG AA ✓ Pass

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

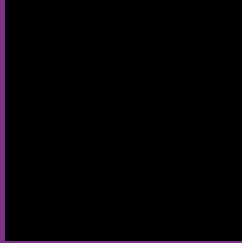
Any Text WCAG AA × Fail

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 7A3680 Background



This preview shows how black text looks on a background with the Hex color 7A3680.

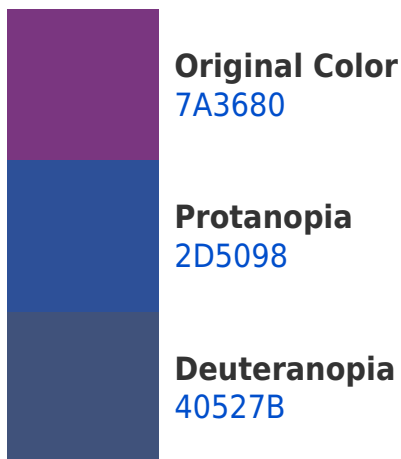



This preview shows how white text looks on a background with the Hex color 7A3680.

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
73454A

Trichromacy



Original Color
7A3680

Protanomaly
49478F

Deuteranomaly
55487D

Tritanomaly
76405E

Monochromacy



Original Color
7A3680

Achromatopsia
535353

Achromatomaly
614863

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3680 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 #7A3680 looks like.

```
.text, #text, p{  
    color:#7A3680  
}
```

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 #7A3680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3680
}
```

Border

The CSS property to change the border of an element to Hex 7A3680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

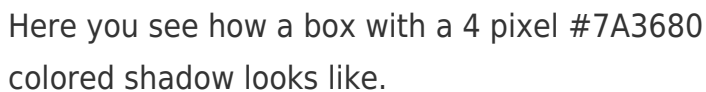
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3680 }
```

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

```
.border{ border-color:#7A3680 }
```

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



Here you see how a box with a 4 pixel #7A3680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3680; -webkit-box-shadow:4px 4px  
4px 4px #7A3680; box-shadow:4px 4px 4px  
4px #7A3680 }
```

Background

The CSS property to change the background color of an element to Hex 7A3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3680 }
```

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

```
.background{ background-color:#7A3680 }
```

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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