

Converting Colors

Hex(7C3E88)

Have a look what the booklet for
Hex(7C3E88) contains.

Hex(7C3E88)	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(7C3E88)

Conversions

Conversions Part 1

Format	Color
Hex	7C3E88
RGB	124, 62, 136
RGB Percent	49%, 24%, 53%
CMY	0.5137, 0.7569, 0.4667
CMYK	0.09, 0.54, 0.00, 0.47
HSL	290°, 37%, 39%
HSV	290°, 54%, 53%
XYZ	14.4787, 9.5079, 24.3646
YIQ	88.9740, 13.1980, 36.1580

Conversions

Conversions Part 2

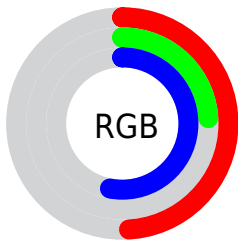
Format	Color
R_{YB}	124, 62, 136
Decimal	8142472
CIE _{Lab}	36.94, 38.83, -30.14
CIE _{LCh}	37, 49.151, 322.180
Yxy	9.5079, 0.2994, 0.1966
Android (android.graphics.Color)	4286332552 (0xFF7C3E88)
YUV	88.9740, 23.1838, 30.7178
Hunter-Lab	30.8349, 29.8548, -25.2644

Details

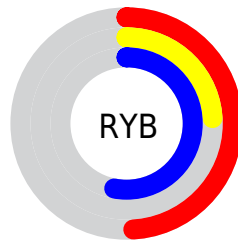
The Hex color **7C3E88** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A883E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B270BE**, and **490A56** is the 20% darker color. If you saturate the color by 10%, you get **7A3088**, and if you desaturate by 10%, it is **7E4C88**.

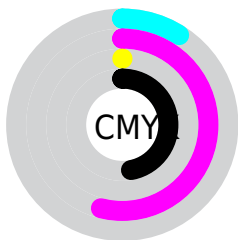
Distribution



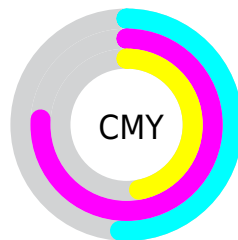
- Red (49%)
- Green (24%)
- Blue (53%)



- Red (49%)
- Yellow (24%)
- Blue (53%)



- Cyan (9%)
- Magenta (54%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (76%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C3E88 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 7C3E88 by changing the saturation by 10% instead.

 7C3E88

 7C3E88

FFFFFF

 62256E

 B270BE

 490A56

 CE8BDA

 30003E

 EBA5F6

 1A0028

 FFC1FF

 000111

 FFDDFF

 000000

 FFFAFF

 7C3E88

 7C3E88

 7A3088

 7E4C88

■ 782388

■ 805988

■ 751588

■ 836788

■ 730888

■ 857488

■ 720088

■ 878288

■ 899088

■ 8B9D88

■ 8EAB88

■ 90B888

Harmonies

Analogous

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



3F51A1



7C3E88



982E63

Triad

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



7C3E88



725100



006974

Complementary

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



7C3E88



4A883E

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.



00684B



7C3E88



4D5E00

Square

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



7C3E88



8E4117



116522



006695

Rectangle

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



7C3E88



9D2D49



116522



006966

Sweetspot

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



7C3E88



AB94B0



3E4A88



574859



D9D9D9



595959

Same Dimension

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



7C3E88



9D3EB0



883E6F



443E45



6F0085



040005

Inverse Universe

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



883E4A



B03E50



3E8857



453E3F



850016



050001

Previews

White Background



This preview shows how the Hex color 7C3E88 looks on a white background.

Color Contrast Check

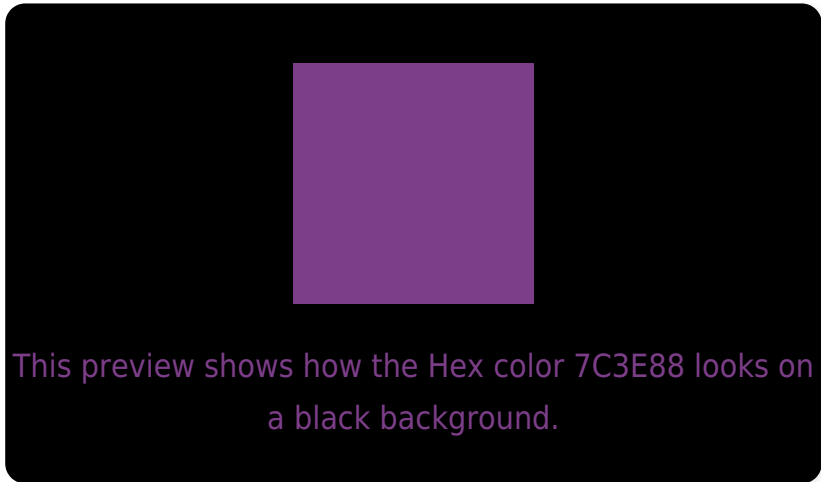
Large Text (above 18pt) WCAG AA ✓ Pass

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

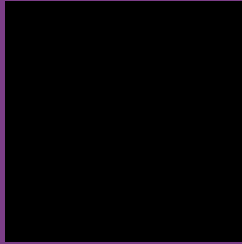
Any Text WCAG AA × Fail

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 7C3E88 Background



This preview shows how black text looks on a background with the Hex color 7C3E88.



This preview shows how white text looks on a background with the Hex color 7C3E88.

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
754C52

Trichromacy



Original Color
7C3E88

Protanomaly
4F4D95

Deuteranomaly
584E85

Tritanomaly
784766

Monochromacy



Original Color
7C3E88

Achromatopsia
595959

Achromatomaly
664F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C3E88 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 #7C3E88 looks like.

```
.text, #text, p{  
    color:#7C3E88  
}
```

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 #7C3E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3E88
}
```

Border

The CSS property to change the border of an element to Hex 7C3E88 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
#7C3E88 }
```

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

```
.border{ border-color:#7C3E88 }
```

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

Here you see how a box with a 4 pixel #7C3E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3E88; -webkit-box-shadow:4px 4px  
4px 4px #7C3E88; box-shadow:4px 4px 4px  
4px #7C3E88 }
```

Background

The CSS property to change the background color of an element to Hex 7C3E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3E88 }
```

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

```
.background{ background-color:#7C3E88 }
```

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