

Converting Colors

Hex(7A336A)

Have a look what the booklet for
Hex(7A336A) contains.

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Color

Hex(7A336A)

Conversions

Conversions Part 1

Format	Color
Hex	7A336A
RGB	122, 51, 106
RGB Percent	48%, 20%, 42%
CMY	0.5216, 0.8000, 0.5843
CMYK	0.00, 0.58, 0.13, 0.52
HSL	314°, 41%, 34%
HSV	314°, 58%, 48%
XYZ	11.8114, 7.5458, 14.4696
YIQ	78.4990, 24.6610, 32.1570

Conversions

Conversions Part 2

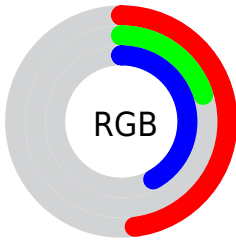
Format	Color
R_{YB}	122, 51, 106
Decimal	8008554
CIE _{Lab}	33.02, 38.22, -17.55
CIE _{LCh}	33, 42.060, 335.343
Yxy	7.5458, 0.3492, 0.2231
Android (android.graphics.Color)	4286198634 (0xFF7A336A)
YUV	78.4990, 13.5580, 38.1504
Hunter-Lab	27.4697, 28.6793, -12.0022

Details

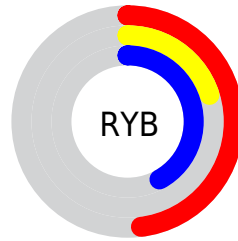
The Hex color **7A336A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **337A43**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B0659D**, and **47003B** is the 20% darker color. If you saturate the color by 10%, you get **7A2767**, and if you desaturate by 10%, it is **7A3F6D**.

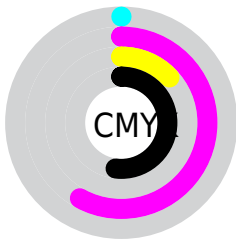
Distribution



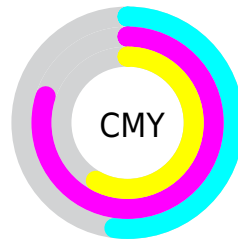
- Red (48%)
- Green (20%)
- Blue (42%)



- Red (48%)
- Yellow (20%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A336A 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 7A336A by changing the saturation by 10% instead.

 7A336A

 7A336A

FFFFFF

 601A52

 B0659D

 47003B

 CC7FB8

 300025

 E99AD4

 0E000D

 FFB5F1

 000000

 FFD1FF

 FFEEFF

 7A336A

 7A336A

 7A2767

 7A3F6D

 7A1B65

 7A4B6F

 7A0E62

 7A5872

 7A025F

 7A6475

 7A005F

 7A7078

 7A7C7A

 7A887D

 7A9580

 7AA183

Harmonies

Analogous

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



564284



7A336A



892C49

Triad

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



7A336A



584E00



005C73

Complementary

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



7A336A



337A43

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.



005D53



7A336A



365611

Square

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



7A336A



73420D



005B30



00588A

Rectangle

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



7A336A



883033



005B30



005D69

Sweetspot

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



7A336A



9E8398



42337A



4F3F4B



CFCFCF



4F4F4F

Same Dimension

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



7A336A



9E2F85



7A3347



3D373C



7D0061



FC00C4

Inverse Universe

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



7A336A



9E2F85



337A66



3D373C



7D0061



FC00C4

Previews

White Background



This preview shows how the Hex color 7A336A looks on a white background.

Color Contrast Check

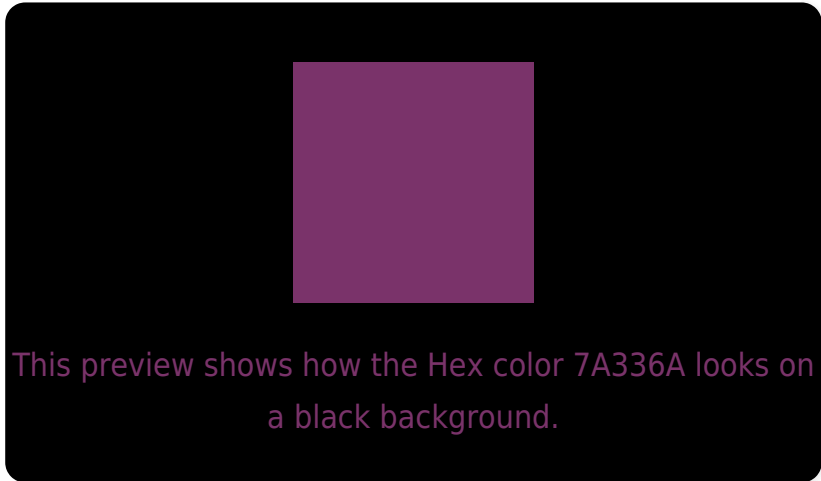
Large Text (above 18pt) WCAG AA ✓ Pass

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

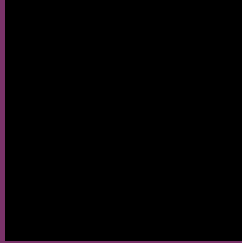
Any Text WCAG AA × Fail

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 7A336A Background



This preview shows how black text looks on a background with the Hex color 7A336A.

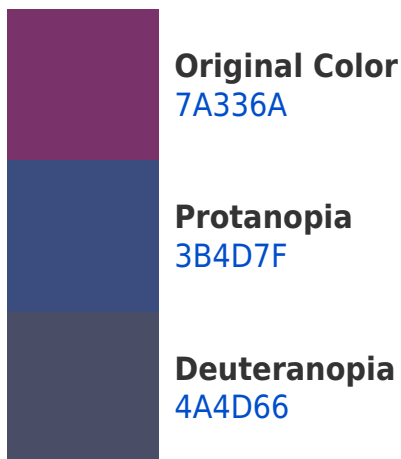


This preview shows how white text looks on a background with the Hex color 7A336A.

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
763D41

Trichromacy



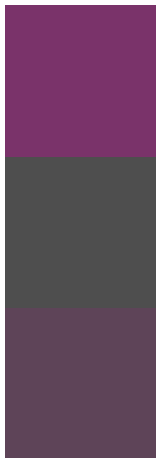
Original Color
7A336A

Protanomaly
524477

Deuteranomaly
5B4467

Tritanomaly
773950

Monochromacy



Original Color
7A336A

Achromatopsia
4E4E4E

Achromatomaly
5E4458

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A336A 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 #7A336A looks like.

```
.text, #text, p{  
    color:#7A336A  
}
```

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 #7A336A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A336A
}
```

Border

The CSS property to change the border of an element to Hex 7A336A is called "border". The border property can be set on classes, ids or directly on the HTML element.

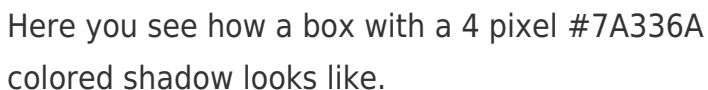
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A336A }
```

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

```
.border{ border-color:#7A336A }
```

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



Here you see how a box with a 4 pixel #7A336A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A336A; -webkit-box-shadow:4px 4px  
4px 4px #7A336A; box-shadow:4px 4px 4px  
4px #7A336A }
```

Background

The CSS property to change the background color of an element to Hex 7A336A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A336A }
```

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

```
.background{ background-color:#7A336A }
```

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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