

Converting Colors

Hex(7F40A1)

Have a look what the booklet for
Hex(7F40A1) contains.

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Color

Hex(7F40A1)

Conversions

Conversions Part 1

Format	Color
Hex	7F40A1
RGB	127, 64, 161
RGB Percent	50%, 25%, 63%
CMY	0.5020, 0.7490, 0.3686
CMYK	0.21, 0.60, 0.00, 0.37
HSL	279°, 43%, 44%
HSV	279°, 60%, 63%
XYZ	17.0188, 10.7520, 34.8966
YIQ	93.8950, 6.4110, 43.5230

Conversions

Conversions Part 2

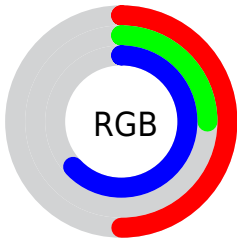
Format	Color
R_{YB}	127, 64, 161
Decimal	8339617
CIE _{Lab}	39.16, 44.06, -41.77
CIE _{LCh}	39, 60.710, 316.531
Yxy	10.7520, 0.2716, 0.1716
Android (android.graphics.Color)	4286529697 (0xFF7F40A1)
YUV	93.8950, 33.0828, 29.0331
Hunter-Lab	32.7903, 35.2621, -40.1453

Details

The Hex color **7F40A1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **62A140**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B673D8**, and **4A0A6D** is the 20% darker color. If you saturate the color by 10%, you get **7930A1**, and if you desaturate by 10%, it is **8550A1**.

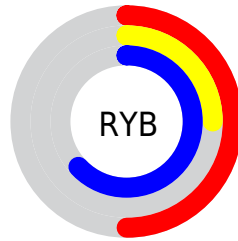
Distribution



Red (50%)

Green (25%)

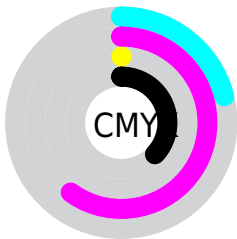
Blue (63%)



Red (50%)

Yellow (25%)

Blue (63%)

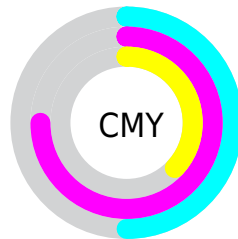


Cyan (21%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (75%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F40A1 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 7F40A1 by changing the saturation by 10% instead.



7F40A1



7F40A1

FFFFFF



642786



B673D8



4A0A6D



D38DF5



300054



F0A9FF



1B003C



FFC4FF



000225



FFE1FF



00010E

FFFEFF



000000



7F40A1



7F40A1



7930A1



8550A1

7420A1

8A60A1

6E10A1

9070A1

6900A1

9680A1

9B91A1

A1A1A1

A7B1A1

ACC1A1

B2D1A1

Harmonies

Analogous

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



0059BC



7F40A1



A82375

Triad

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



7F40A1



835200



007277

Complementary

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



7F40A1



62A140

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.



007043



7F40A1



576200

Square

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



7F40A1



A33913



0B6C0A



0070A4

Rectangle

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



7F40A1



B11A54



0B6C0A



007166

Sweetspot

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



7F40A1



C4ABD1



4064A1



605269



E8E8E8



696969

Same Dimension

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



7F40A1



9C3BD1



A14094



4F4952



5E0091



0C0012

Inverse Universe

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



A14062



D13B6F



40A14D



52494C



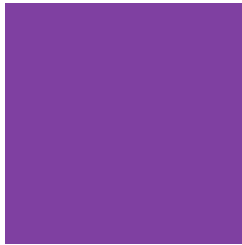
910033



120006

Previews

White Background



This preview shows how the Hex color 7F40A1 looks on a white background.

Color Contrast Check

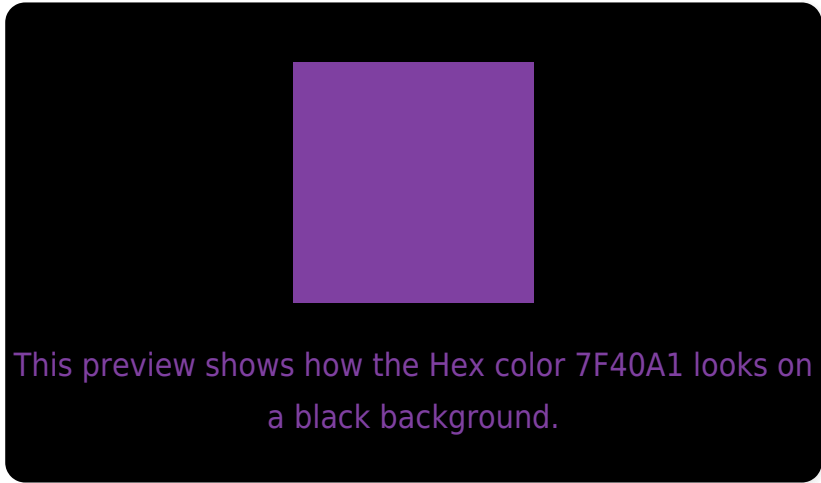
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

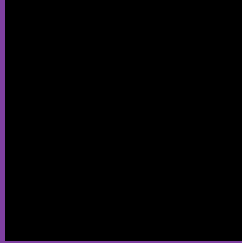
Any Text WCAG AA × Fail

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 7F40A1 Background



This preview shows how black text looks on a background with the Hex color 7F40A1.

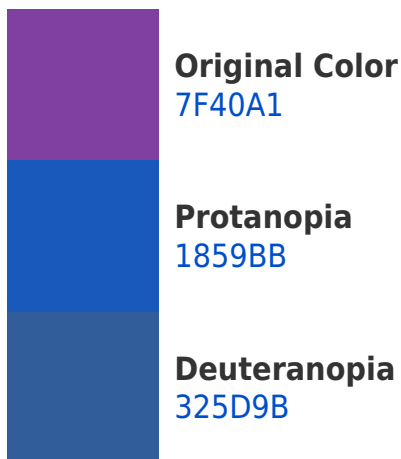



This preview shows how white text looks on a background with the Hex color 7F40A1.

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
74545A

Trichromacy



Original Color
7F40A1



Protanomaly
3D50B2



Deuteranomaly
4E529D



Tritanomaly
784D74

Monochromacy



Original Color
7F40A1



Achromatopsia
5E5E5E



Achromatomaly
6A5376

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F40A1 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 #7F40A1 looks like.

```
.text, #text, p{  
    color:#7F40A1  
}
```

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 #7F40A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F40A1
}
```

Border

The CSS property to change the border of an element to Hex 7F40A1 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
#7F40A1 }
```

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

```
.border{ border-color:#7F40A1 }
```

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

Here you see how a box with a 4 pixel #7F40A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F40A1; -webkit-box-shadow:4px 4px  
4px 4px #7F40A1; box-shadow:4px 4px 4px  
4px #7F40A1 }
```

Background

The CSS property to change the background color of an element to Hex 7F40A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F40A1 }
```

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

```
.background{ background-color:#7F40A1 }
```

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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