

Converting Colors

Hex(7A1BE6)

Have a look what the booklet for
Hex(7A1BE6) contains.

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Color

Hex(7A1BE6)

Conversions

Conversions Part 1

Format	Color
Hex	7A1BE6
RGB	122, 27, 230
RGB Percent	48%, 11%, 90%
CMY	0.5216, 0.8941, 0.0980
CMYK	0.47, 0.88, 0.00, 0.10
HSL	268°, 80%, 50%
HSV	268°, 88%, 90%
XYZ	22.7009, 10.6346, 75.7191
YIQ	78.5470, -8.5430, 83.2730

Conversions

Conversions Part 2

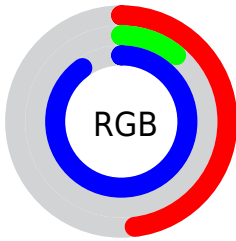
Format	Color
RYB	122, 27, 230
Decimal	8002534
CIELab	38.96, 73.33, -82.44
CIElCh	39, 110.334, 311.655
Yxy	10.6346, 0.2082, 0.0975
Android (android.graphics.Color)	4286192614 (0xFF7A1BE6)
YUV	78.5470, 74.6663, 38.1083
Hunter-Lab	32.6108, 67.1881, -114.8383

Details

The Hex color **7A1BE6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **87E61B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B859FF**, and **3700AD** is the 20% darker color. If you saturate the color by 10%, you get **6E04E6**, and if you desaturate by 10%, it is **8632E6**.

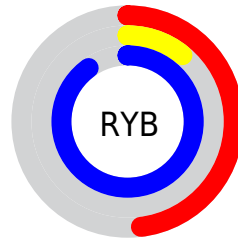
Distribution



Red (48%)

Green (11%)

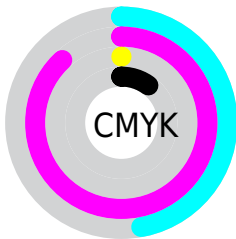
Blue (90%)



Red (48%)

Yellow (11%)

Blue (90%)

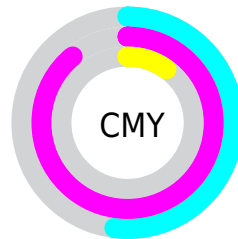


Cyan (47%)

Magenta (88%)

Yellow (0%)

Black (10%)



Cyan (52%)

Magenta (89%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1BE6 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 7A1BE6 by changing the saturation by 10% instead.

 7A1BE6

 7A1BE6

FFFFFF

 5A00C9

 B859FF

 3700AD

 D675FF

 000091

 F591FF

 000077

 FFAEFF

 00005D

 FFCBFF

 000744

 FFE8FF

 00032D

 000117

 000000

 7A1BE6

 7A1BE6

 6E04E6

 8632E6

 6C00E6

 9249E6

 9F60E6

 AB77E6

 B78EE6

 C3A5E6

 D0BCE6

 DCD3E6

 E8EAE6

Harmonies

Analogous

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



0061FF



7A1BE6



D60097

Triad

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



7A1BE6



9C4000



00797E

Complementary

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



7A1BE6



87E61B

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.



00771A



7A1BE6



506400

Square

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



7A1BE6



D10000



007200



007BD5

Rectangle

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



7A1BE6



E9005C



007200



00795F

Sweetspot

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



7A1BE6



DCBDFF



1B87E6



6A5880



000000



808080

Same Dimension

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



7A1BE6



7700FF



DF1BE6



6D6773



5400B3



180033

Inverse Universe

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



E61B87



FF0088



22E61B



73676D



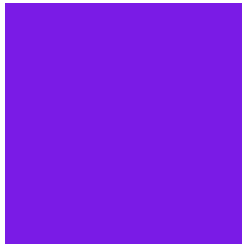
B3005F



33001B

Previews

White Background



This preview shows how the Hex color 7A1BE6 looks on a white background.

Color Contrast Check

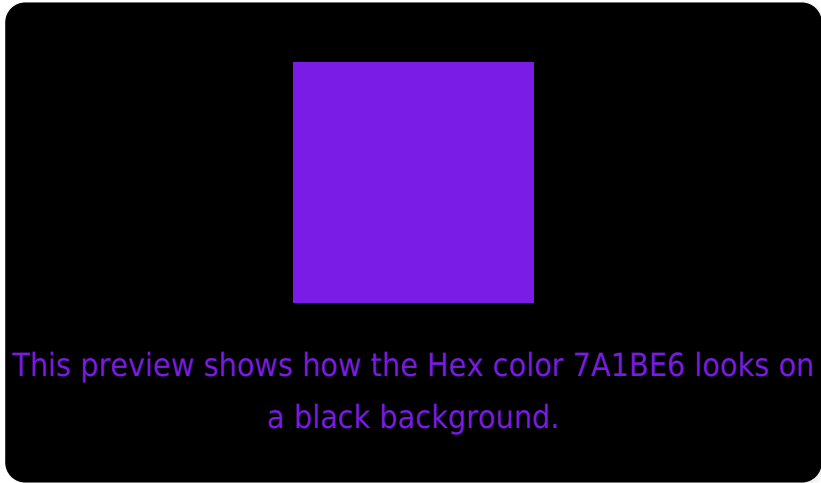
Large Text (above 18pt) WCAG AA ✓ Pass

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

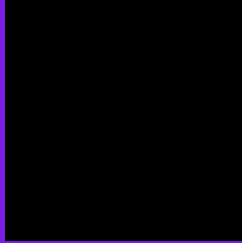
Any Text WCAG AA × Fail

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 7A1BE6 Background



This preview shows how black text looks on a background with the Hex color 7A1BE6.



This preview shows how white text looks on a background with the Hex color 7A1BE6.

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



Original Color
7A1BE6

Protanopia
0059BB

Deuteranopia
005FA0



Tritanopia
595C63

Trichromacy



Original Color
7A1BE6



Protanomaly
2C42CB



Deuteranomaly
2C46B9



Tritanomaly
654493

Monochromacy



Original Color
7A1BE6



Achromatopsia
4F4F4F



Achromatomaly
5F3C86

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1BE6 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 #7A1BE6 looks like.

```
.text, #text, p{  
    color:#7A1BE6  
}
```

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 #7A1BE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1BE6
}
```

Border

The CSS property to change the border of an element to Hex 7A1BE6 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
#7A1BE6 }
```

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

```
.border{ border-color:#7A1BE6 }
```

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

Here you see how a box with a 4 pixel #7A1BE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1BE6; -webkit-box-shadow:4px 4px  
4px 4px #7A1BE6; box-shadow:4px 4px 4px  
4px #7A1BE6 }
```

Background

The CSS property to change the background color of an element to Hex 7A1BE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1BE6 }
```

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

```
.background{ background-color:#7A1BE6 }
```

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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