

Converting Colors

Hex(7B28E0)

Have a look what the booklet for
Hex(7B28E0) contains.

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Color

Hex(7B28E0)

Conversions

Conversions Part 1

Format	Color
Hex	7B28E0
RGB	123, 40, 224
RGB Percent	48%, 16%, 88%
CMY	0.5176, 0.8431, 0.1216
CMYK	0.45, 0.82, 0.00, 0.12
HSL	267°, 75%, 52%
HSV	267°, 82%, 88%
XYZ	22.3817, 11.1104, 71.4859
YIQ	85.7930, -9.5960, 74.8200

Conversions

Conversions Part 2

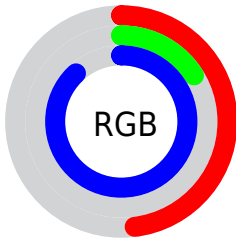
Format	Color
R _Y B	123, 40, 224
Decimal	8071392
CIE Lab	39.77, 68.39, -77.68
CIE LCh	40, 103.496, 311.362
Yxy	11.1104, 0.2132, 0.1058
Android (android.graphics.Color)	4286261472 (0xFF7B28E0)
YUV	85.7930, 68.1361, 32.6305
Hunter-Lab	33.3322, 61.5268, -103.8237

Details

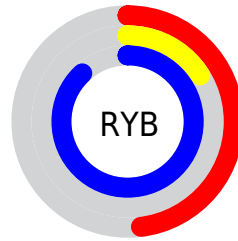
The Hex color **7B28E0** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **8DE028**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B861FF**, and **3A00A7** is the 20% darker color. If you saturate the color by 10%, you get **6F12E0**, and if you desaturate by 10%, it is **873EE0**.

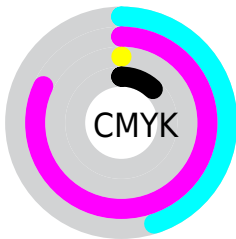
Distribution



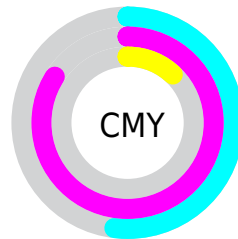
- Red (48%)
- Green (16%)
- Blue (88%)



- Red (48%)
- Yellow (16%)
- Blue (88%)



- Cyan (45%)
- Magenta (82%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (84%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B28E0 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 7B28E0 by changing the saturation by 10% instead.

 7B28E0

 7B28E0

FFFFFF

 5C00C3

 B861FF

 3A00A7

 D67DFF

 07008C

 F598FF

 000072


 FFB5FF


 000058

 FFD1FF

 00063F

 FFEEFF

 000328

 000112

 000000

■ 7B28E0

■ 7B28E0

■ 6F12E0

■ 873EE0

■ 6500E0

■ 9455E0

■ A06BE0

■ AC82E0

■ B898E0

■ C5AEE0

■ D1C5E0

■ DDDBE0

■ EAF2E0

Harmonies

Analogous

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



0062FF



7B28E0



D10096

Triad

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



7B28E0



9C4400



007B7D

Complementary

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



7B28E0



8DE028

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.



007820



7B28E0



556500

Square

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



7B28E0



CF0000



007300



007CCE

Rectangle

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



7B28E0



E4005E



007300



007A60

Sweetspot

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



7B28E0



DCBFFF



288DE0



6B5980



000000



808080

Same Dimension

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



7B28E0



7403FF



D728E0



6A6570



4F00B0



160030

Inverse Universe

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



E0288D



FF038D



31E028



70656B



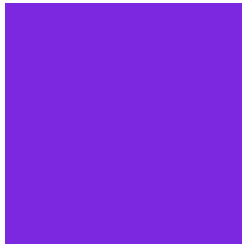
B00061



30001B

Previews

White Background



This preview shows how the Hex color 7B28E0 looks on a white background.

Color Contrast Check

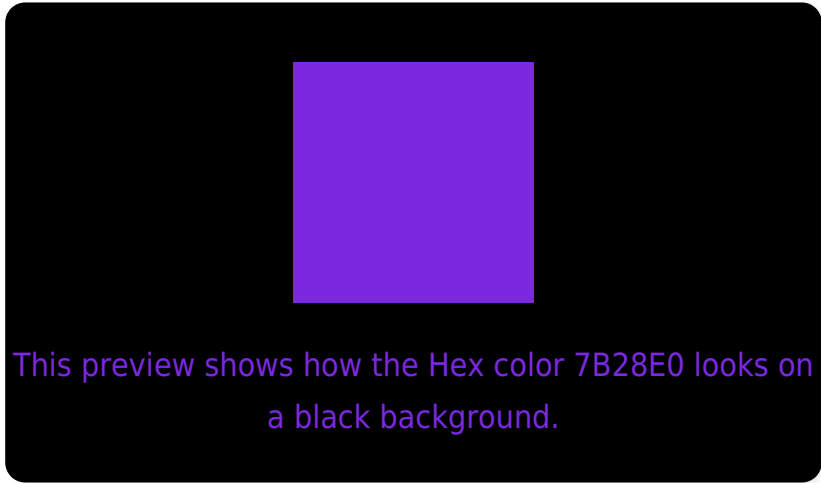
Large Text (above 18pt) WCAG AA ✓ Pass

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

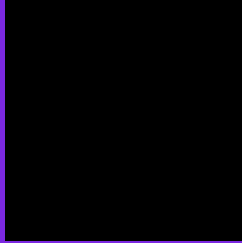
Any Text WCAG AA × Fail

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 7B28E0 Background



This preview shows how black text looks on a background with the Hex color 7B28E0.

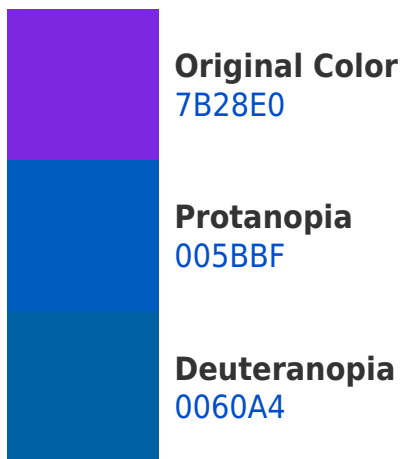


This preview shows how white text looks on a background with the Hex color 7B28E0.

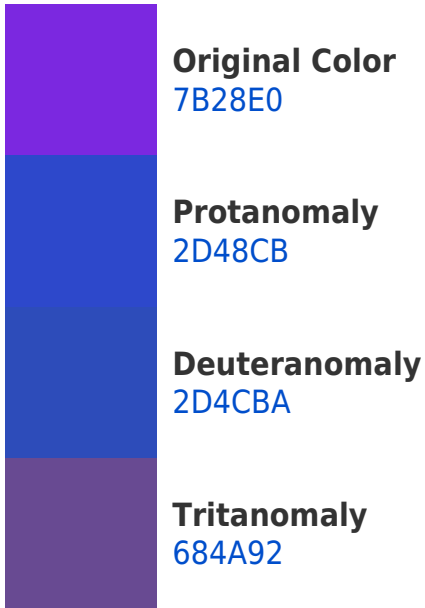
Color Blindness Simulation

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](#).

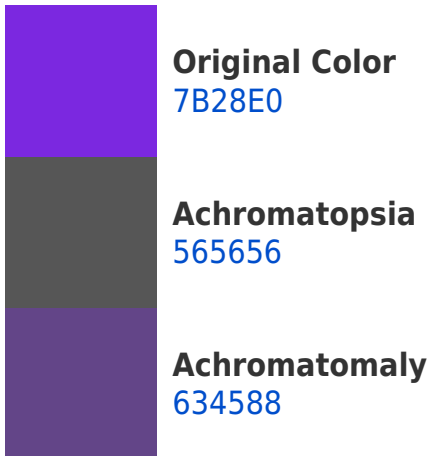
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B28E0 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 #7B28E0 looks like.

```
.text, #text, p{  
    color:#7B28E0  
}
```

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 #7B28E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B28E0
}
```

Border

The CSS property to change the border of an element to Hex 7B28E0 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
#7B28E0 }
```

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

```
.border{ border-color:#7B28E0 }
```

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

Here you see how a box with a 4 pixel #7B28E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B28E0; -webkit-box-shadow:4px 4px  
4px 4px #7B28E0; box-shadow:4px 4px 4px  
4px #7B28E0 }
```

Background

The CSS property to change the background color of an element to Hex 7B28E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B28E0 }
```

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

```
.background{ background-color:#7B28E0 }
```

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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