

Converting Colors

Hex(7B22D6)

Have a look what the booklet for
Hex(7B22D6) contains.

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Color

Hex(7B22D6)

Conversions

Conversions Part 1

Format	Color
Hex	7B22D6
RGB	123, 34, 214
RGB Percent	48%, 13%, 84%
CMY	0.5176, 0.8667, 0.1608
CMYK	0.43, 0.84, 0.00, 0.16
HSL	270°, 73%, 49%
HSV	270°, 84%, 84%
XYZ	20.8780, 10.2100, 64.4887
YIQ	81.1310, -4.7360, 74.8480

Conversions

Conversions Part 2

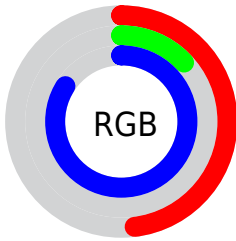
Format	Color
R_{YB}	123, 34, 214
Decimal	8069846
CIE _{Lab}	38.22, 67.99, -74.48
CIE _{LCh}	38, 100.849, 312.392
Yxy	10.2100, 0.2184, 0.1068
Android (android.graphics.Color)	4286259926 (0xFF7B22D6)
YUV	81.1310, 65.5044, 36.7191
Hunter-Lab	31.9532, 60.7128, -97.2933

Details

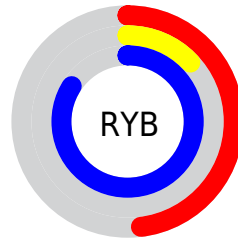
The Hex color **7B22D6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7DD622**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B75CFF**, and **3C009E** is the 20% darker color. If you saturate the color by 10%, you get **700DD6**, and if you desaturate by 10%, it is **8637D6**.

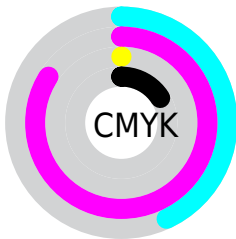
Distribution



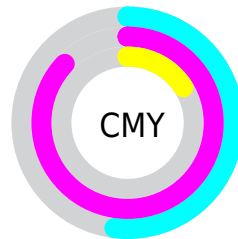
- Red (48%)
- Green (13%)
- Blue (84%)



- Red (48%)
- Yellow (13%)
- Blue (84%)



- Cyan (43%)
- Magenta (84%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (87%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B22D6 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 7B22D6 by changing the saturation by 10% instead.

7B22D6

7B22D6

FFFFFF

5D00BA

B75CFF

3C009E

D578FF

110083

F394FF

000069

FFB0FF

00004F

FFC0FF

000537

FFE0FF

000221

000006

000000

 7B22D6

 7B22D6

 700DD6

 8637D6

 6A00D6

 914DD6

 9B62D6

 A678D6

 B18DD6

 BCA2D6

 C7B8D6

 D2CDD6

 DCE3D6

Harmonies

Analogous

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



005DFF



7B22D6



CB008E

Triad

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



7B22D6



944300



00767B

Complementary

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



7B22D6



7DD622

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.



007422



7B22D6



4F6200

Square

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



7B22D6



C60000



006F00



0077C9

Rectangle

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



7B22D6



DC0058



006F00



00755F

Sweetspot

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



7B22D6



DFBFFF



227FD6



6C5980



000000



808080

Same Dimension

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



7B22D6



7E00FF



D322D6



66606B



5400AB



15002B

Inverse Universe

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



D6227D



FF0081



25D622



6B6066



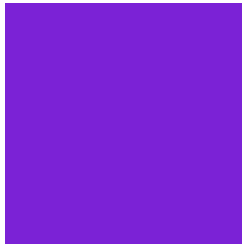
AB0056



2B0016

Previews

White Background



This preview shows how the Hex color 7B22D6 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

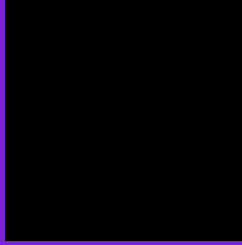
Any Text WCAG AA × Fail

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 7B22D6 Background



This preview shows how black text looks on a background with the Hex color 7B22D6.

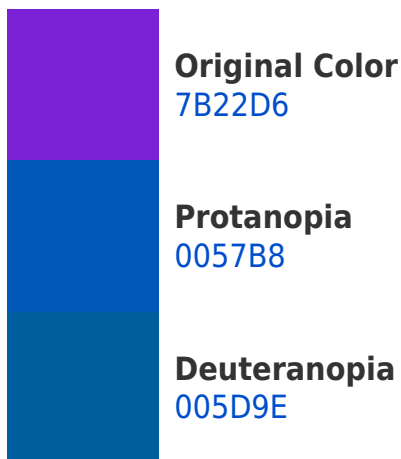


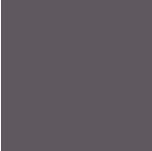
This preview shows how white text looks on a background with the Hex color 7B22D6.

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
60585F

Trichromacy



Original Color
7B22D6



Protanomaly
2D44C3



Deuteranomaly
2D48B2



Tritanomaly
6A448A

Monochromacy



Original Color
7B22D6



Achromatopsia
515151



Achromatomaly
604081

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B22D6 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 #7B22D6 looks like.

```
.text, #text, p{  
    color:#7B22D6  
}
```

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 #7B22D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B22D6
}
```

Border

The CSS property to change the border of an element to Hex 7B22D6 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
#7B22D6 }
```

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

```
.border{ border-color:#7B22D6 }
```

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

Here you see how a box with a 4 pixel #7B22D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B22D6; -webkit-box-shadow:4px 4px  
4px 4px #7B22D6; box-shadow:4px 4px 4px  
4px #7B22D6 }
```

Background

The CSS property to change the background color of an element to Hex 7B22D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B22D6 }
```

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

```
.background{ background-color:#7B22D6 }
```

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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