

Converting Colors

Hex(7B36BD)

Have a look what the booklet for
Hex(7B36BD) contains.

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Color

Hex(7B36BD)

Conversions

Conversions Part 1

Format	Color
Hex	7B36BD
RGB	123, 54, 189
RGB Percent	48%, 21%, 74%
CMY	0.5176, 0.7882, 0.2588
CMYK	0.35, 0.71, 0.00, 0.26
HSL	271°, 56%, 48%
HSV	271°, 71%, 74%
XYZ	18.6729, 10.5234, 49.1912
YIQ	90.0210, -2.2110, 56.6130

Conversions

Conversions Part 2

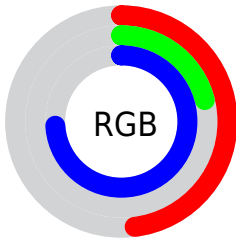
Format	Color
R_{YB}	123, 54, 189
Decimal	8074941
CIE _{Lab}	38.77, 54.61, -59.04
CIE _{LCh}	39, 80.421, 312.766
Yxy	10.5234, 0.2382, 0.1342
Android (android.graphics.Color)	4286265021 (0xFF7B36BD)
YUV	90.0210, 48.7966, 28.9226
Hunter-Lab	32.4398, 45.9777, -67.1985

Details

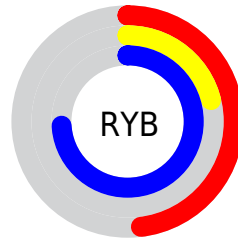
The Hex color **7B36BD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **78BD36**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B46AF6**, and **420087** is the 20% darker color. If you saturate the color by 10%, you get **7223BD**, and if you desaturate by 10%, it is **8449BD**.

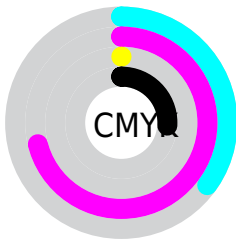
Distribution



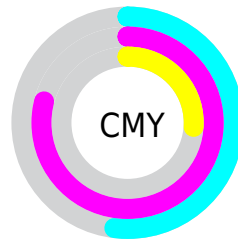
- Red (48%)
- Green (21%)
- Blue (74%)



- Red (48%)
- Yellow (21%)
- Blue (74%)



- Cyan (35%)
- Magenta (71%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (79%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B36BD 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 7B36BD by changing the saturation by 10% instead.

 7B36BD

 7B36BD

FFFFFF

 5F1AA1

 B46AF6

 420087

 D185FF

 23006C

 EFA0FF

 000053

 FFBCFF

 00013B

 FFD9FF

 000224

 FFF6FF

 00000C

 000000

 7B36BD

 7B36BD

7223BD

8449BD

6910BD

8D5CBD

6100BD

976FBD

A082BD

A995BD

B2A7BD

BCBABD

C5CDBD

CEE0BD

Harmonies

Analogous

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



005CDE



7B36BD



B80084

Triad

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



7B36BD



8E4A00



007577

Complementary

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



7B36BD



78BD36

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.



007231



7B36BD



576100

Square

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



7B36BD



B61700



006D00



0074B4

Rectangle

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



7B36BD



C70058



006D00



007460

Sweetspot

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



7B36BD



DCC1F5



367ABD



6B5C7A



FAFAFA



7A7A7A

Same Dimension

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



7B36BD



8E22F5



BD36BD



5A555E



51009E



10001F

Inverse Universe

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



BD3678



F52289



36BD36



5E555A



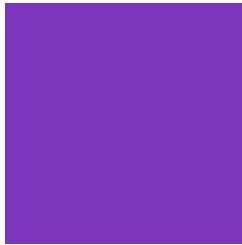
9E004D



1F000F

Previews

White Background



This preview shows how the Hex color 7B36BD 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 7B36BD Background



This preview shows how black text looks on a background with the Hex color 7B36BD.

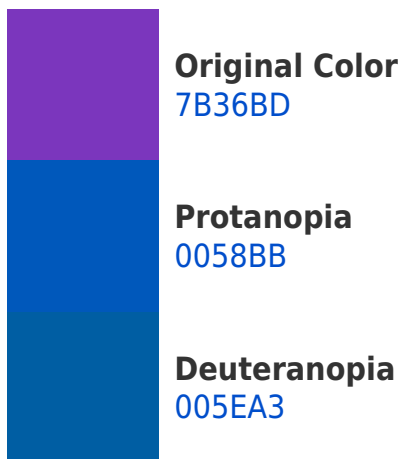


This preview shows how white text looks on a background with the Hex color 7B36BD.

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](#).

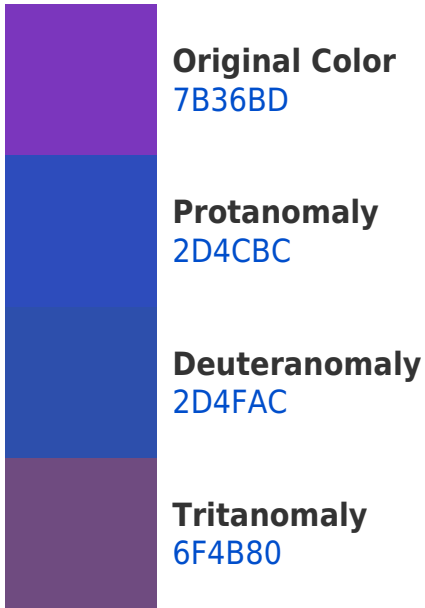
Dichromacy



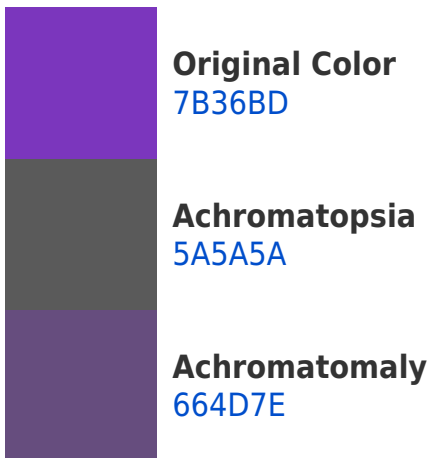


Tritanopia
68575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B36BD 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 #7B36BD looks like.

```
.text, #text, p{  
    color:#7B36BD  
}
```

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 #7B36BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B36BD
}
```

Border

The CSS property to change the border of an element to Hex 7B36BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

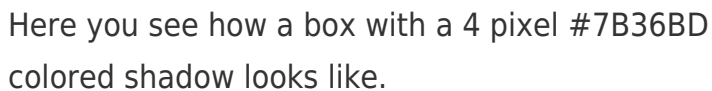
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B36BD }
```

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

```
.border{ border-color:#7B36BD }
```

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



Here you see how a box with a 4 pixel #7B36BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B36BD; -webkit-box-shadow:4px 4px  
4px 4px #7B36BD; box-shadow:4px 4px 4px  
4px #7B36BD }
```

Background

The CSS property to change the background color of an element to Hex 7B36BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B36BD }
```

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

```
.background{ background-color:#7B36BD }
```

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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