

Converting Colors

Hex(7B76DA)

Have a look what the booklet for
Hex(7B76DA) contains.

Hex(7B76DA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B76DA)

Conversions

Conversions Part 1

Format	Color
Hex	7B76DA
RGB	123, 118, 218
RGB Percent	48%, 46%, 85%
CMY	0.5176, 0.5373, 0.1451
CMYK	0.44, 0.46, 0.00, 0.15
HSL	243°, 57%, 66%
HSV	243°, 46%, 85%
XYZ	27.3017, 22.2298, 69.1815
YIQ	130.8950, -29.1200, 32.1600

Conversions

Conversions Part 2

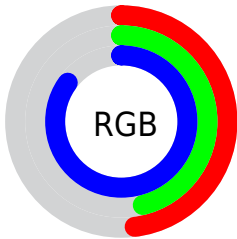
Format	Color
RYB	123, 118, 218
Decimal	8091354
CIELab	54.27, 27.02, -50.78
CIElCh	54, 57.522, 298.012
Yxy	22.2298, 0.2300, 0.1873
Android (android.graphics.Color)	4286281434 (0xFF7B76DA)
YUV	130.8950, 42.9428, -6.9239
Hunter-Lab	47.1485, 20.8521, -53.9930

Details

The Hex color **7B76DA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D5DA76**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B4AAFF**, and **4246A2** is the 20% darker color. If you saturate the color by 10%, you get **6660DA**, and if you desaturate by 10%, it is **908CDA**.

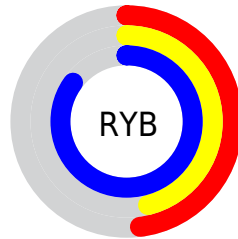
Distribution



Red (48%)

Green (46%)

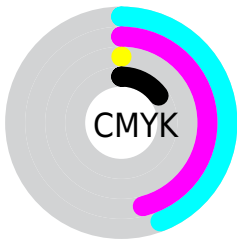
Blue (85%)



Red (48%)

Yellow (46%)

Blue (85%)

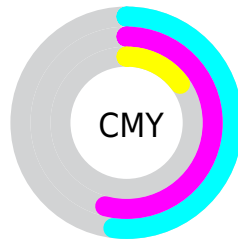


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (15%)



Cyan (52%)

Magenta (54%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B76DA 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 7B76DA by changing the saturation by 10% instead.

■ 7B76DA

■ 7B76DA

FFFFFF

■ 5F5DBE

■ B4AAFF

■ 4246A2

■ D0C5FF

■ 232F88

■ EEE1FF

■ 001B6E

FFFEFF

■ 000555

■ 00043D

■ 000326

■ 00010F

■ 000000

 7B76DA

 7B76DA

 6660DA

 908CDA

 524ADA

 A4A2DA

 3D35DA

 B9B7DA

 281FDA

 CECDDA

 1309DA

 E3E3DA

 0B00DA

 F7F9DA

 FFFFDA

Harmonies

Analogous

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



0089E5



7B76DA



BA60B7

Triad

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



7B76DA



C36B2C



00997D

Complementary

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



7B76DA



D5DA76

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.



1C954A



7B76DA



9D7E0C

Square

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



7B76DA



D95756



6D8C1F



0099AF

Rectangle

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



7B76DA



D15498



6D8C1F



00986B

Sweetspot

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



7B76DA



DDDBFF



76D5DA



6B6A80



000000



808080

Same Dimension

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



7B76DA



7A73FF



AD76DA



63636E



0900AD



02002E

Inverse Universe

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



DA76D5



FF73F8



A3DA76



6E636D



AD00A5



2E002C

Previews

White Background



This preview shows how the Hex color 7B76DA looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7B76DA Background



This preview shows how black text looks on a background with the Hex color 7B76DA.

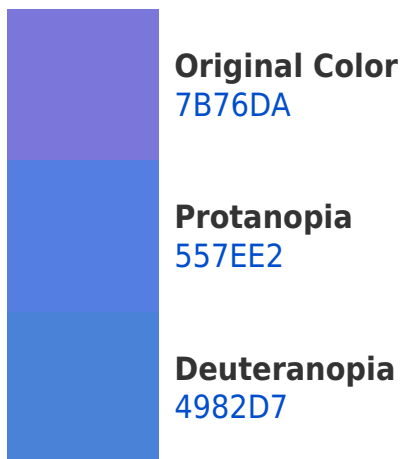


This preview shows how white text looks on a background with the Hex color 7B76DA.

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](#).

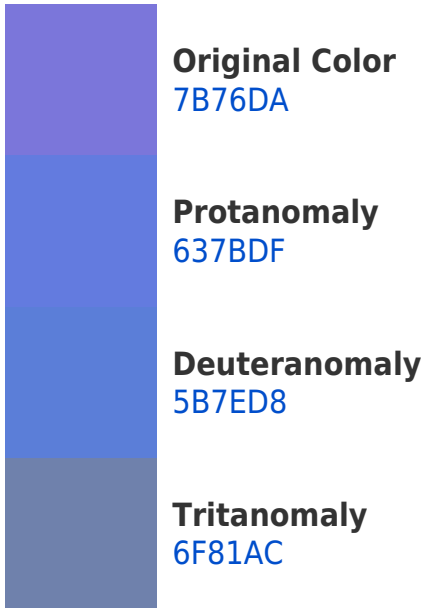
Dichromacy



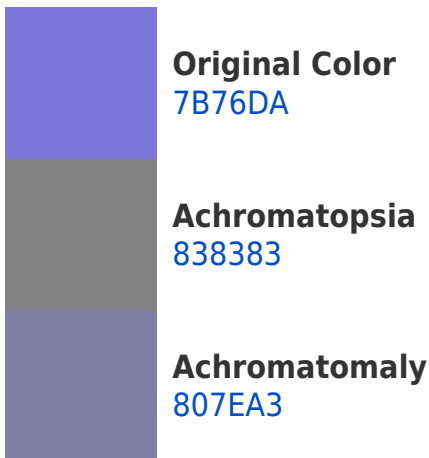


Tritanopia
688791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B76DA 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 #7B76DA looks like.

```
.text, #text, p{  
    color:#7B76DA  
}
```

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 #7B76DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B76DA
}
```

Border

The CSS property to change the border of an element to Hex 7B76DA 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
#7B76DA }
```

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

```
.border{ border-color:#7B76DA }
```

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

Here you see how a box with a 4 pixel #7B76DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B76DA; -webkit-box-shadow:4px 4px  
4px 4px #7B76DA; box-shadow:4px 4px 4px  
4px #7B76DA }
```

Background

The CSS property to change the background color of an element to Hex 7B76DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B76DA }
```

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

```
.background{ background-color:#7B76DA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor