

Converting Colors

Hex(7C63B3)

Have a look what the booklet for
Hex(7C63B3) contains.

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Color

Hex(7C63B3)

Conversions

Conversions Part 1

Format	Color
Hex	7C63B3
RGB	124, 99, 179
RGB Percent	49%, 39%, 70%
CMY	0.5137, 0.6118, 0.2980
CMYK	0.31, 0.45, 0.00, 0.30
HSL	259°, 34%, 55%
HSV	259°, 45%, 70%
XYZ	20.9107, 16.4634, 44.7235
YIQ	115.5950, -10.7800, 30.1800

Conversions

Conversions Part 2

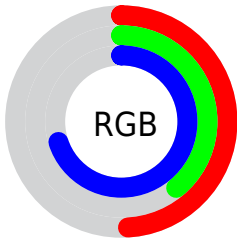
Format	Color
R_{YB}	124, 99, 179
Decimal	8151987
CIE _{Lab}	47.58, 27.80, -39.05
CIE _{LCh}	48, 47.941, 305.449
Yxy	16.4634, 0.2547, 0.2005
Android (android.graphics.Color)	4286342067 (0xFF7C63B3)
YUV	115.5950, 31.2587, 7.3712
Hunter-Lab	40.5752, 20.9847, -36.9491

Details

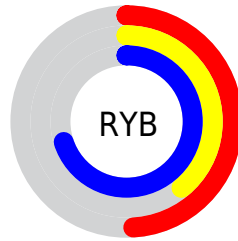
The Hex color **7C63B3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9AB363**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B296EB**, and **48347E** is the 20% darker color. If you saturate the color by 10%, you get **7051B3**, and if you desaturate by 10%, it is **8875B3**.

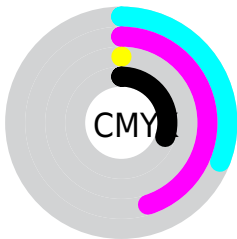
Distribution



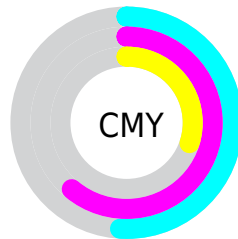
- Red (49%)
- Green (39%)
- Blue (70%)



- Red (49%)
- Yellow (39%)
- Blue (70%)



- Cyan (31%)
- Magenta (45%)
- Yellow (0%)
- Black (30%)



- Cyan (51%)
- Magenta (61%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C63B3 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 7C63B3 by changing the saturation by 10% instead.

■ 7C63B3

■ 7C63B3

FFFFFF

■ 624B98

■ B296EB

■ 48347E

■ CFB1FF

■ 2E1E64

■ EBCDFF

■ 12094C

■ FFE9FF

■ 000035

■ 00021E

■ 000001

■ 000000

■ 7C63B3

■ 7C63B3

7051B3

8875B3

633FB3

9587B3

572DB3

A199B3

4B1BB3

ADABB3

3E0AB3

BABCB3

3800B3

C6CEB3

D2E0B3

DEF2B3

EBFFB3

Harmonies

Analogous

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



2173C1



7C63B3



A85293

Triad

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



7C63B3



A06225



008477

Complementary

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



7C63B3



9AB363

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.



00824E



7C63B3



7F7117

Square

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



7C63B3



B65344



557C2A



00839F

Rectangle

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



7C63B3



B64C79



557C2A



008469

Sweetspot

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



7C63B3



D3CAE8



639BB3



686375



F5F5F5



757575

Same Dimension

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



7C63B3



926BE8



A363B3



535059



300099



08001A

Inverse Universe

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



B3639A



E86BC1



73B363



595056



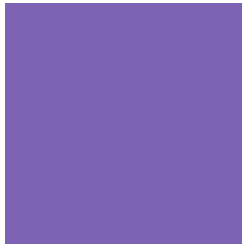
990069



1A0012

Previews

White Background



This preview shows how the Hex color 7C63B3 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

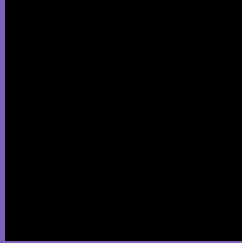
Any Text WCAG AA × Fail

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 7C63B3 Background



This preview shows how black text looks on a background with the Hex color 7C63B3.

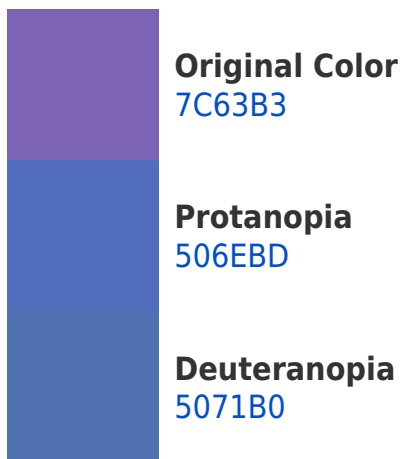


This preview shows how white text looks on a background with the Hex color 7C63B3.

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](#).

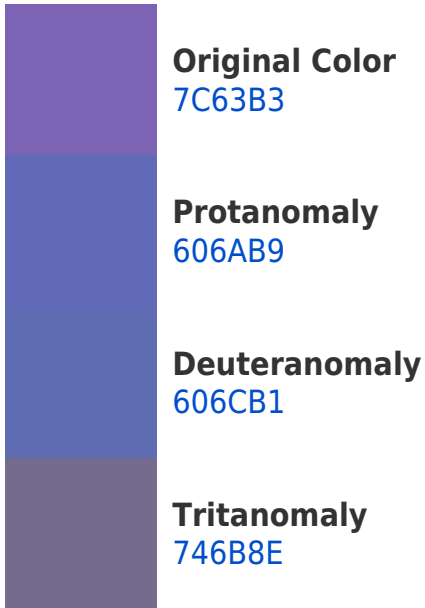
Dichromacy



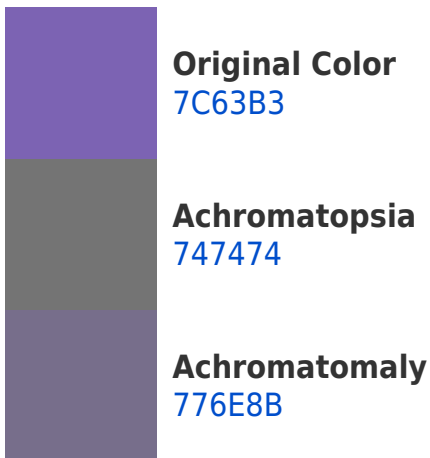


Tritanopia
707079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C63B3 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 #7C63B3 looks like.

```
.text, #text, p{  
    color:#7C63B3  
}
```

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 #7C63B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C63B3
}
```

Border

The CSS property to change the border of an element to Hex 7C63B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

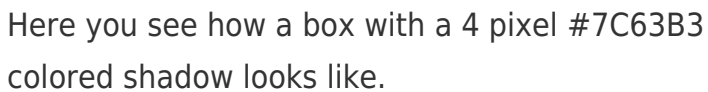
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C63B3 }
```

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

```
.border{ border-color:#7C63B3 }
```

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



Here you see how a box with a 4 pixel #7C63B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C63B3; -webkit-box-shadow:4px 4px  
4px 4px #7C63B3; box-shadow:4px 4px 4px  
4px #7C63B3 }
```

Background

The CSS property to change the background color of an element to Hex 7C63B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C63B3 }
```

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

```
.background{ background-color:#7C63B3 }
```

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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