

Converting Colors

Hex(7B63B4)

Have a look what the booklet for
Hex(7B63B4) contains.

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Color

Hex(7B63B4)

Conversions

Conversions Part 1

Format	Color
Hex	7B63B4
RGB	123, 99, 180
RGB Percent	48%, 39%, 71%
CMY	0.5176, 0.6118, 0.2941
CMYK	0.32, 0.45, 0.00, 0.29
HSL	258°, 35%, 55%
HSV	258°, 45%, 71%
XYZ	20.8684, 16.4299, 45.2514
YIQ	115.4100, -11.6970, 30.2790

Conversions

Conversions Part 2

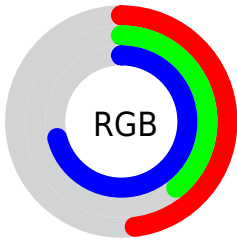
Format	Color
R_{YB}	123, 99, 180
Decimal	8086452
CIE _{Lab}	47.53, 27.79, -39.71
CIE _{LCh}	48, 48.468, 304.982
Yxy	16.4299, 0.2528, 0.1990
Android (android.graphics.Color)	4286276532 (0xFF7B63B4)
YUV	115.4100, 31.8429, 6.6564
Hunter-Lab	40.5338, 20.9647, -37.8169

Details

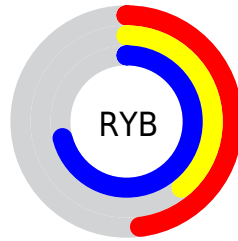
The Hex color **7B63B4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9CB463**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B296EC**, and **47347F** is the 20% darker color. If you saturate the color by 10%, you get **6E51B4**, and if you desaturate by 10%, it is **8875B4**.

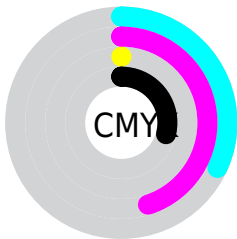
Distribution



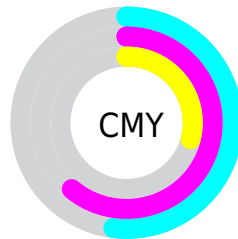
- Red (48%)
- Green (39%)
- Blue (71%)



- Red (48%)
- Yellow (39%)
- Blue (71%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (52%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B63B4 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 7B63B4 by changing the saturation by 10% instead.

■ 7B63B4

■ 7B63B4

FFFFFF

■ 614B99

■ B296EC

■ 47347F

■ CEB1FF

■ 2D1E65

■ EBCDFF

■ 10094D

■ FFE9FF

■ 000036

■ 00021F

■ 000002

■ 000000

■ 7B63B4

■ 7B63B4

6E51B4

8875B4

623FB4

9487B4

552DB4

A199B4

481BB4

AEABB4

3C09B4

BABDB4

3500B4

C7CFB4

D4E1B4

E0F3B4

EDFFB4

Harmonies

Analogous

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



1A73C2



7B63B4



A75294

Triad

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



7B63B4



A16224



008477

Complementary

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



7B63B4



9CB463

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.



00824C



7B63B4



807116

Square

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



7B63B4



B65244



557C29



00839F

Rectangle

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



7B63B4



B74B79



557C29



008468

Sweetspot

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



7B63B4



D3CAEB



639DB4



676175



F5F5F5



757575

Same Dimension

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



7B63B4



916CEB



A263B4



535059



2D0099



08001A

Inverse Universe

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



B4639C



EB6CC5



75B463



595057



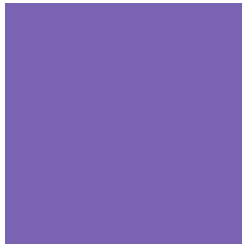
99006C



1A0012

Previews

White Background



This preview shows how the Hex color 7B63B4 looks on a white background.

Color Contrast Check

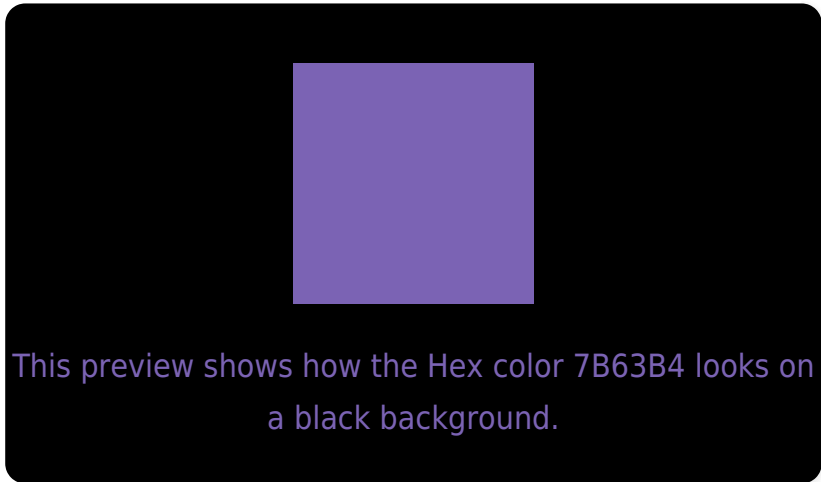
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B63B4 Background



This preview shows how black text looks on a background with the Hex color 7B63B4.



This preview shows how white text looks on a background with the Hex color 7B63B4.

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



Original Color
7B63B4

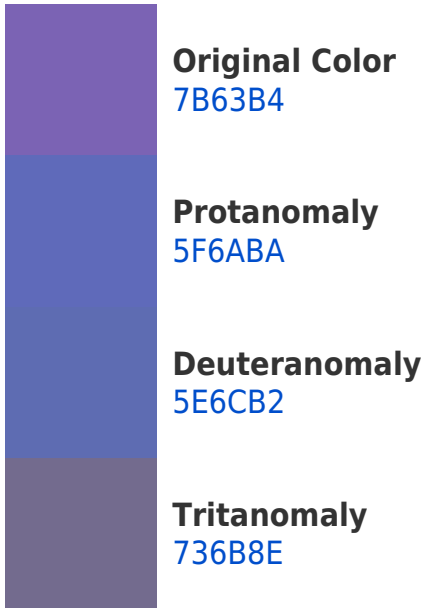
Protanopia
4F6EBE

Deuteranopia
4E71B1



Tritanopia
6F7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B63B4 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 #7B63B4 looks like.

```
.text, #text, p{  
    color:#7B63B4  
}
```

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 #7B63B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B63B4
}
```

Border

The CSS property to change the border of an element to Hex 7B63B4 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
#7B63B4 }
```

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

```
.border{ border-color:#7B63B4 }
```

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

Here you see how a box with a 4 pixel #7B63B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B63B4; -webkit-box-shadow:4px 4px  
4px 4px #7B63B4; box-shadow:4px 4px 4px  
4px #7B63B4 }
```

Background

The CSS property to change the background color of an element to Hex 7B63B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B63B4 }
```

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

```
.background{ background-color:#7B63B4 }
```

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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