

Converting Colors

Hex(7643BC)

Have a look what the booklet for
Hex(7643BC) contains.

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Color

Hex(7643BC)

Conversions

Conversions Part 1

Format	Color
Hex	7643BC
RGB	118, 67, 188
RGB Percent	46%, 26%, 74%
CMY	0.5373, 0.7373, 0.2627
CMYK	0.37, 0.64, 0.00, 0.26
HSL	265°, 47%, 50%
HSV	265°, 64%, 74%
XYZ	18.5555, 11.4967, 48.8181
YIQ	96.0430, -8.4450, 48.4430

Conversions

Conversions Part 2

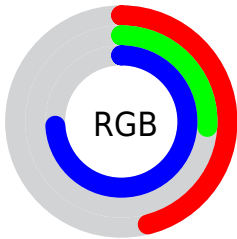
Format	Color
R_{YB}	118, 67, 188
Decimal	7750588
CIE _{Lab}	40.40, 46.93, -55.83
CIE _{LCh}	40, 72.932, 310.053
Yxy	11.4967, 0.2353, 0.1458
Android (android.graphics.Color)	4285940668 (0xFF7643BC)
YUV	96.0430, 45.3348, 19.2563
Hunter-Lab	33.9068, 38.3471, -61.6294

Details

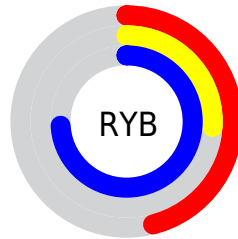
The Hex color **7643BC** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **89BC43**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AE76F5**, and **3E1086** is the 20% darker color. If you saturate the color by 10%, you get **6B30BC**, and if you desaturate by 10%, it is **8156BC**.

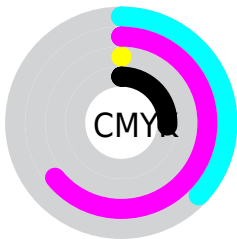
Distribution



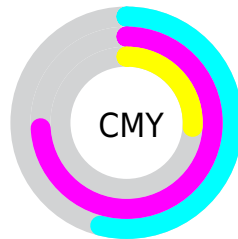
- Red (46%)
- Green (26%)
- Blue (74%)



- Red (46%)
- Yellow (26%)
- Blue (74%)



- Cyan (37%)
- Magenta (64%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (74%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7643BC 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 7643BC by changing the saturation by 10% instead.

7643BC

7643BC

FFFFFF

5A2AA0

AE76F5

3E1086

CB90FF

1F006C

E9ABFF

000053

FFC7FF

00013B

FFE4FF

000224

00000C

000000

7643BC

7643BC

6B30BC

8156BC

601DBC

8C69BC

550BBC

977BBC

4F00BC

A28EBC

ACA1BC

B7B4BC

C2C7BC

CDD9BC

D8ECBC

Harmonies

Analogous

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



0061D7



7643BC



B20989

Triad

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



7643BC



944D00



007773

Complementary

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



7643BC



89BC43

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.



007533



7643BC



636300

Square

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



7643BC



B72612



0E6F00



0077AC

Rectangle

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



7643BC



C20062



0E6F00



00775E

Sweetspot

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



7643BC



DAC6F5



438ABC



6A5E7A



FAFAFA



7A7A7A

Same Dimension

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



7643BC



8838F5



B243BC



59555E



43009E



0D001F

Inverse Universe

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



BC4389



F538A5



4DBC43



5E555A



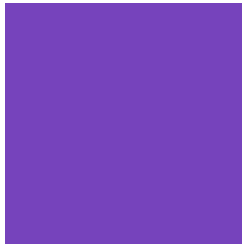
9E005B



1F0012

Previews

White Background



This preview shows how the Hex color 7643BC looks on a white background.

Color Contrast Check

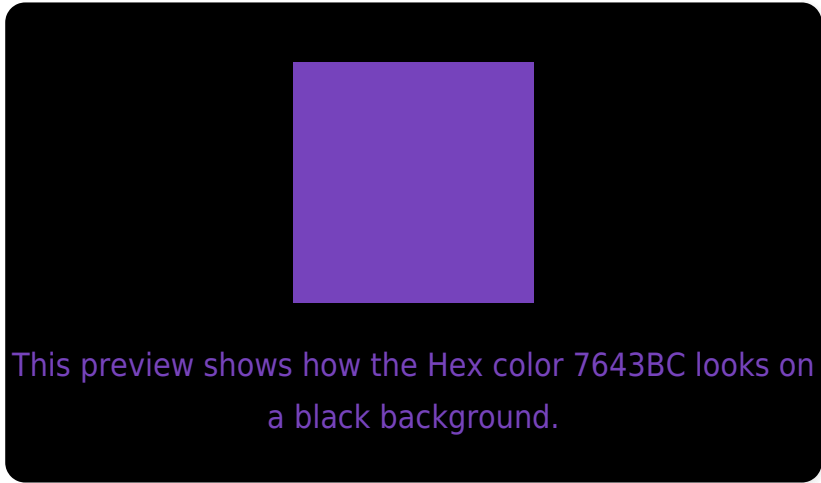
Large Text (above 18pt) WCAG AA ✓ Pass

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 7643BC Background



This preview shows how black text looks on a background with the Hex color 7643BC.



This preview shows how white text looks on a background with the Hex color 7643BC.

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
7643BC

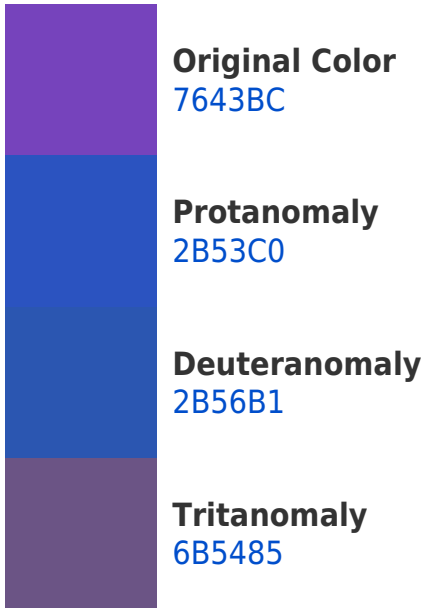
Protanopia
005CC3

Deuteranopia
0061AB

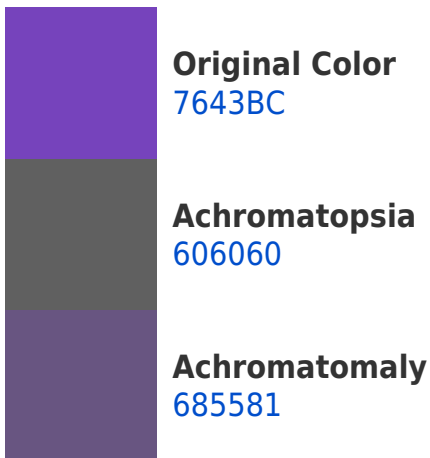


Tritanopia
645D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7643BC 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 #7643BC looks like.

```
.text, #text, p{  
    color:#7643BC  
}
```

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 #7643BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7643BC
}
```

Border

The CSS property to change the border of an element to Hex 7643BC 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
#7643BC }
```

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

```
.border{ border-color:#7643BC }
```

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

Here you see how a box with a 4 pixel #7643BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7643BC; -webkit-box-shadow:4px 4px  
4px 4px #7643BC; box-shadow:4px 4px 4px  
4px #7643BC }
```

Background

The CSS property to change the background color of an element to Hex 7643BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7643BC }
```

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

```
.background{ background-color:#7643BC }
```

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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