

Converting Colors

Hex(7640B0)

Have a look what the booklet for
Hex(7640B0) contains.

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Color

Hex(7640B0)

Conversions

Conversions Part 1

Format	Color
Hex	7640B0
RGB	118, 64, 176
RGB Percent	46%, 25%, 69%
CMY	0.5373, 0.7490, 0.3098
CMYK	0.33, 0.64, 0.00, 0.31
HSL	269°, 47%, 47%
HSV	269°, 64%, 69%
XYZ	17.1411, 10.6529, 42.2271
YIQ	92.9140, -3.7680, 46.2800

Conversions

Conversions Part 2

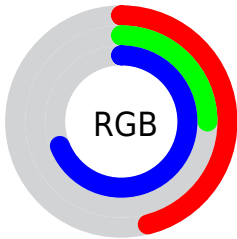
Format	Color
R _Y B	118, 64, 176
Decimal	7749808
CIE Lab	38.99, 45.47, -51.04
CIE LCh	39, 68.354, 311.694
Yxy	10.6529, 0.2448, 0.1521
Android (android.graphics.Color)	4285939888 (0xFF7640B0)
YUV	92.9140, 40.9614, 22.0004
Hunter-Lab	32.6388, 36.6257, -53.8603

Details

The Hex color **7640B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7AB040**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AE73E8**, and **3F0C7A** is the 20% darker color. If you saturate the color by 10%, you get **6D2EB0**, and if you desaturate by 10%, it is **7F52B0**.

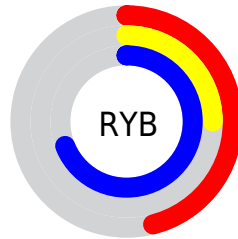
Distribution



Red (46%)

Green (25%)

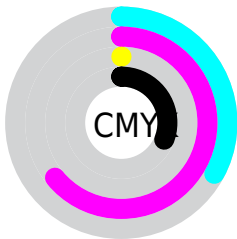
Blue (69%)



Red (46%)

Yellow (25%)

Blue (69%)

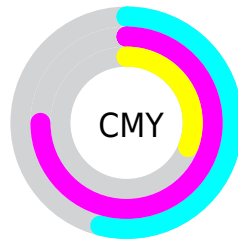


Cyan (33%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7640B0 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 7640B0 by changing the saturation by 10% instead.

 7640B0

 7640B0

FFFFFF

 5B2795

 AE73E8

 3F0C7A

 CA8DFF

 230061

 E7A8FF

 070049

 FFC4FF

 000431

 FFE0FF

 00011B

 FFFDFF

 000000

 7640B0

 7640B0

 6D2EB0

 7F52B0

641DB0

8863B0

5B0BB0

9175B0

5500B0

9A86B0

A498B0

ADAAB0

B6BBB0

BFCDB0

C8DEB0

Harmonies

Analogous

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



005CCA



7640B0



AB1280

Triad

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



7640B0



8C4C00



007371

Complementary

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



7640B0



7AB040

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.



007136



7640B0



5D6000

Square

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



7640B0



AD2B11



0C6C00



0072A5

Rectangle

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



7640B0



B9005B



0C6C00



00725E

Sweetspot

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



7640B0



CFBAE6



407CB0



655873



F2F2F2



737373

Same Dimension

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



7640B0



8B37E6



AC40B0



555059



4A0099



0C001A

Inverse Universe

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



B0407A



E63791



44B040



595055



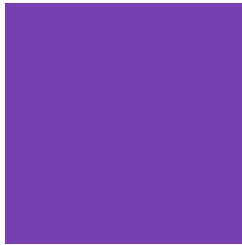
99004F



1A000D

Previews

White Background



This preview shows how the Hex color 7640B0 looks on a white background.

Color Contrast Check

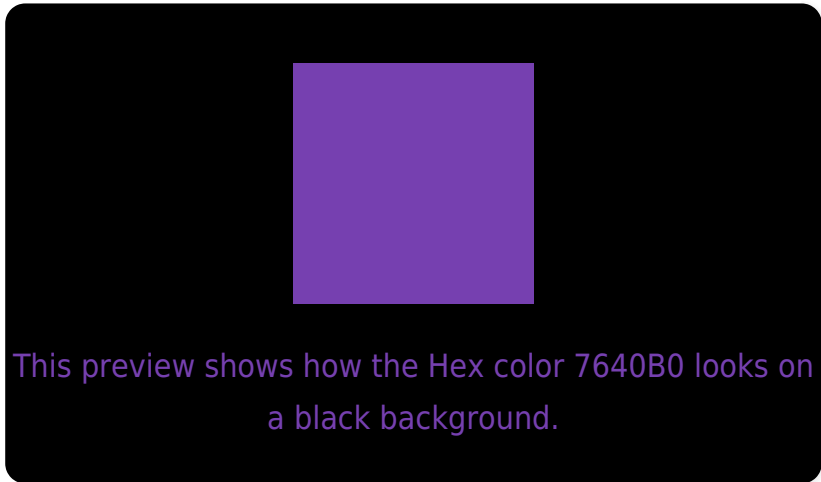
Large Text (above 18pt) WCAG AA ✓ Pass

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 7640B0 Background



This preview shows how black text looks on a background with the Hex color 7640B0.

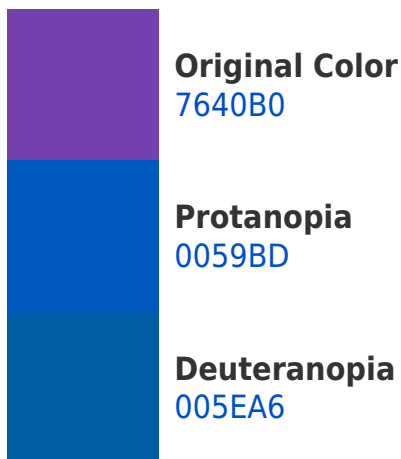



This preview shows how white text looks on a background with the Hex color 7640B0.

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](#).

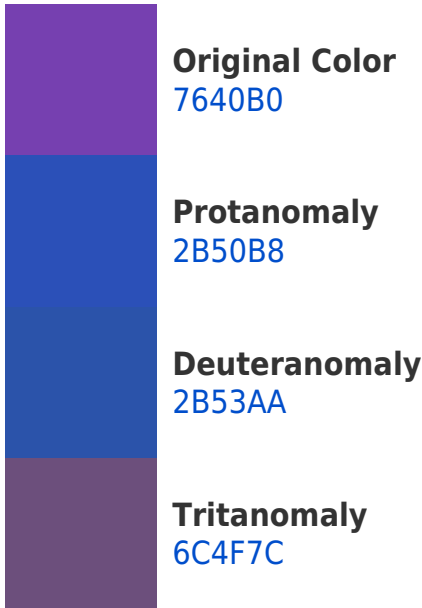
Dichromacy



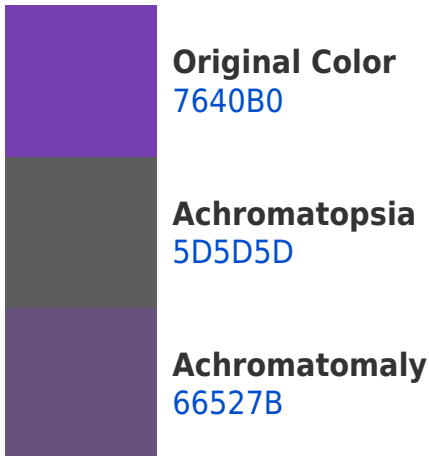


Tritanopia
66585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7640B0 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 #7640B0 looks like.

```
.text, #text, p{  
    color:#7640B0  
}
```

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 #7640B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7640B0
}
```

Border

The CSS property to change the border of an element to Hex 7640B0 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
#7640B0 }
```

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

```
.border{ border-color:#7640B0 }
```

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

Here you see how a box with a 4 pixel #7640B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7640B0; -webkit-box-shadow:4px 4px  
4px 4px #7640B0; box-shadow:4px 4px 4px  
4px #7640B0 }
```

Background

The CSS property to change the background color of an element to Hex 7640B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7640B0 }
```

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

```
.background{ background-color:#7640B0 }
```

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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