

Converting Colors

Hex(7640CD)

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

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Color

Hex(7640CD)

Conversions

Conversions Part 1

Format	Color
Hex	7640CD
RGB	118, 64, 205
RGB Percent	46%, 25%, 80%
CMY	0.5373, 0.7490, 0.1961
CMYK	0.42, 0.69, 0.00, 0.20
HSL	263°, 59%, 53%
HSV	263°, 69%, 80%
XYZ	20.3241, 11.9261, 58.9884
YIQ	96.2200, -13.0770, 55.2990

Conversions

Conversions Part 2

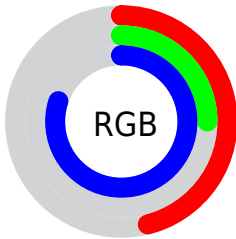
Format	Color
R _Y B	118, 64, 205
Decimal	7749837
CIE Lab	41.10, 52.88, -64.60
CIE LCh	41, 83.479, 309.304
Yxy	11.9261, 0.2228, 0.1307
Android (android.graphics.Color)	4285939917 (0xFF7640CD)
YUV	96.2200, 53.6285, 19.1011
Hunter-Lab	34.5342, 44.6158, -77.1001

Details

The Hex color **7640CD** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **97CD40**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B074FF**, and **3A0896** is the 20% darker color. If you saturate the color by 10%, you get **692BCD**, and if you desaturate by 10%, it is **8355CD**.

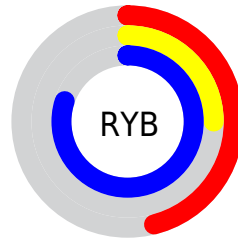
Distribution



Red (46%)

Green (25%)

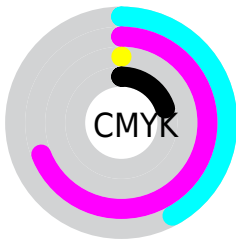
Blue (80%)



Red (46%)

Yellow (25%)

Blue (80%)

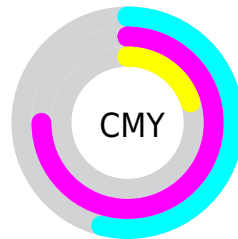


Cyan (42%)

Magenta (69%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (75%)

Yellow (20%)

Brightness & Saturation Gradients

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

 7640CD

 7640CD

FFFFFF

 5926B1


 B074FF

 3A0896

 CD8EFF

 14007B

 EBA9FF

 000061

 FFC5FF

 000048

 FFE2FF

 000431

 00011B

 000000

 7640CD

 7640CD

■ 692BCD

■ 8355CD

■ 5D17CD

■ 8F69CD

■ 5003CD

■ 9C7ECD

■ 4F00CD

■ A992CD

■ B5A7CD

■ C2BBCD

■ CFD0CD

■ DBE4CD

■ E8F9CD

Harmonies

Analogous

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



0064EB



7640CD



BE0093

Triad

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



7640CD



9C4B00



007B75

Complementary

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



7640CD



97CD40

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.



00792C



7640CD



646500

Square

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



7640CD



C40B07



007300



007BB8

Rectangle

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



7640CD



D00066



007300



007B5D

Sweetspot

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



7640CD



DEC9FF



4099CD



6C6080



000000



808080

Same Dimension

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



7640CD



7C2BFF



BA40CD



605C66



3F00A6



0F0026

Inverse Universe

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



CD4097



FF2BAE



53CD40



665C62



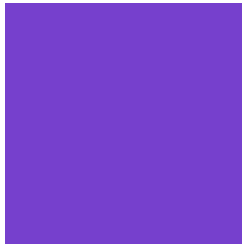
A60066



260018

Previews

White Background



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

Color Contrast Check

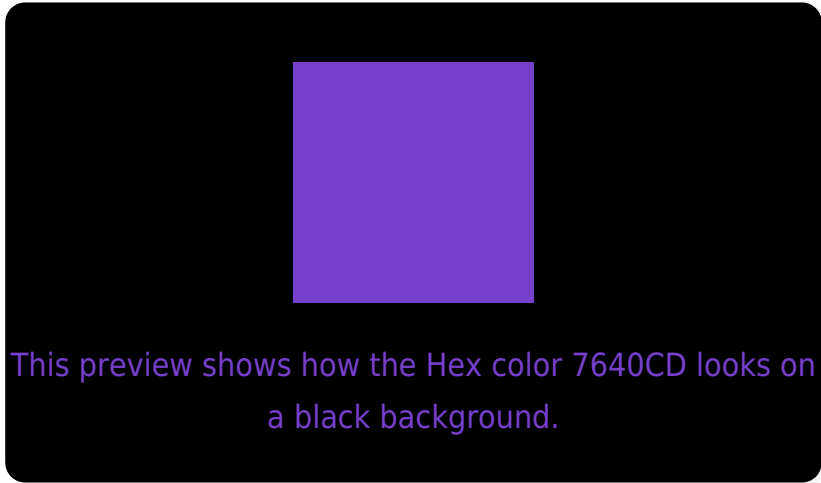
Large Text (above 18pt) WCAG AA ✓ Pass

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

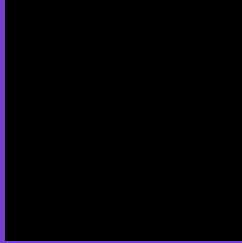
Any Text WCAG AA × Fail

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 7640CD Background



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

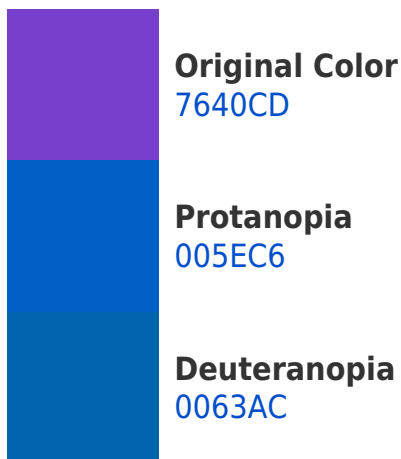


This preview shows how white text looks on a background with the Hex color 7640CD.

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](#).

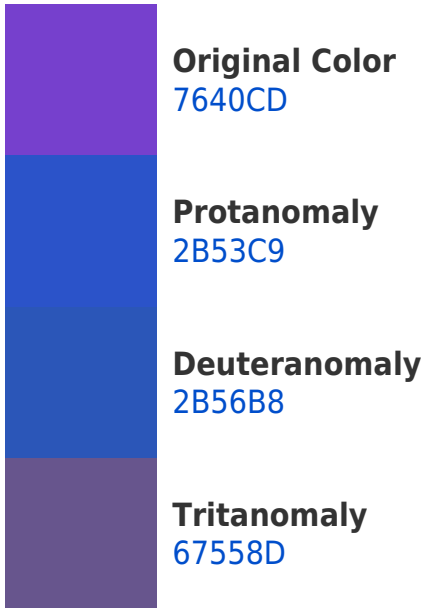
Dichromacy



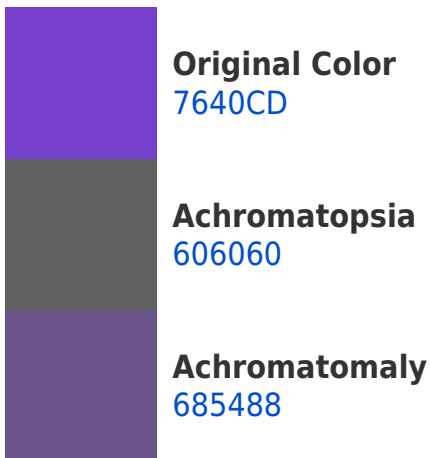


Tritanopia
5E6168

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7640CD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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