

Converting Colors

Hex(7750E3)

Have a look what the booklet for
Hex(7750E3) contains.

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Color

Hex(7750E3)

Conversions

Conversions Part 1

Format	Color
Hex	7750E3
RGB	119, 80, 227
RGB Percent	47%, 31%, 89%
CMY	0.5333, 0.6863, 0.1098
CMYK	0.48, 0.65, 0.00, 0.11
HSL	256°, 72%, 60%
HSV	256°, 65%, 89%
XYZ	24.3415, 15.2053, 74.3250
YIQ	108.4190, -23.9430, 53.9850

Conversions

Conversions Part 2

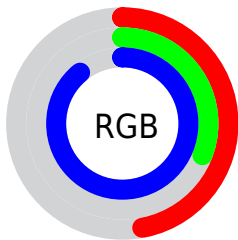
Format	Color
R _{YB}	119, 80, 227
Decimal	7819491
CIE Lab	45.91, 50.65, -69.35
CIE LCh	46, 85.877, 306.143
Yxy	15.2053, 0.2138, 0.1335
Android (android.graphics.Color)	4286009571 (0xFF7750E3)
YUV	108.4190, 58.4604, 9.2795
Hunter-Lab	38.9940, 43.1870, -85.7147

Details

The Hex color **7750E3** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **BCE350**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B283FF**, and **381FAA** is the 20% darker color. If you saturate the color by 10%, you get **6639E3**, and if you desaturate by 10%, it is **8867E3**.

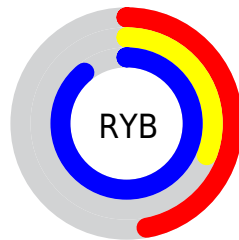
Distribution



Red (47%)

Green (31%)

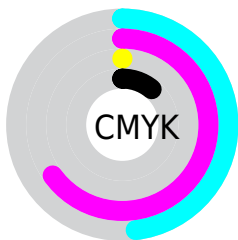
Blue (89%)



Red (47%)

Yellow (31%)

Blue (89%)

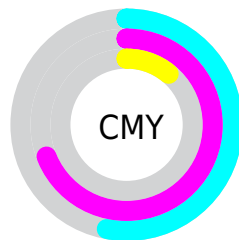


Cyan (48%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7750E3 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 7750E3 by changing the saturation by 10% instead.

7750E3

7750E3

FFFFFF

5937C6

B283FF

381FAA

D09EFF

06038F

EEBAFF

000075

FFD6FF

00005B

FFF2FF

000742

00032B

000116

000000

■ 7750E3

■ 7750E3

■ 6639E3

■ 8867E3

■ 5623E3

■ 987DE3

■ 450CE3

■ A994E3

■ 3C00E3

■ BAABE3

■ CAC1E3

■ DBD8E3

■ ECFE3

■ FCFFE3

■ FFFFE3

Harmonies

Analogous

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



0073FF



7750E3



CA00A8

Triad

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



7750E3



B15100



00897A

Complementary

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



7750E3



BCE350

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.



00862C



7750E3



786F00

Square

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



7750E3



D9121A



1C7F00



0089C1

Rectangle

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



7750E3



E10079



1C7F00



008861

Sweetspot

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



7750E3



DBCFF



50BEE3



6A6280



000000



808080

Same Dimension

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



7750E3



6D38FF



BE50E3



6A6773



2F00B3



0E0033

Inverse Universe

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



E350BC



FF38CA



75E350



736770



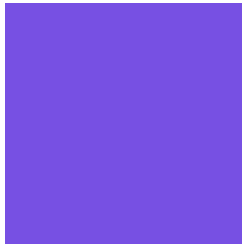
B30083



330025

Previews

White Background



This preview shows how the Hex color 7750E3 looks on a white background.

Color Contrast Check

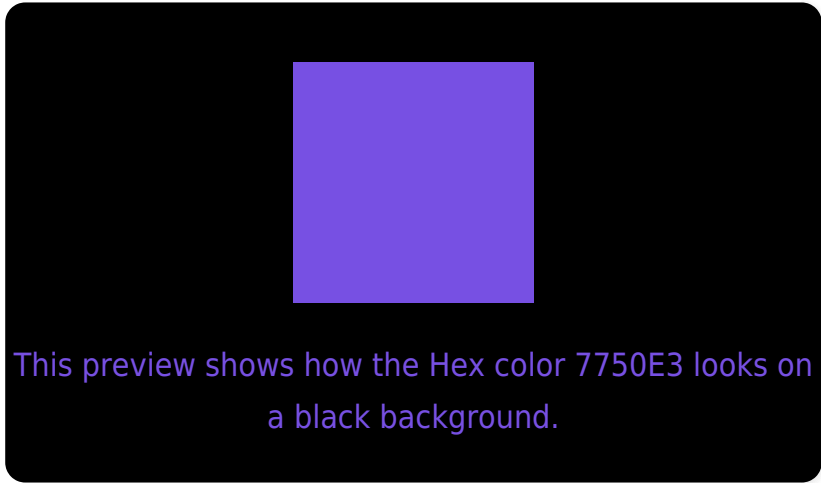
Large Text (above 18pt) WCAG AA ✓ Pass

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

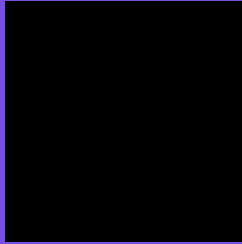
Any Text WCAG AA × Fail

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 7750E3 Background



This preview shows how black text looks on a background with the Hex color 7750E3.



This preview shows how white text looks on a background with the Hex color 7750E3.

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](#).

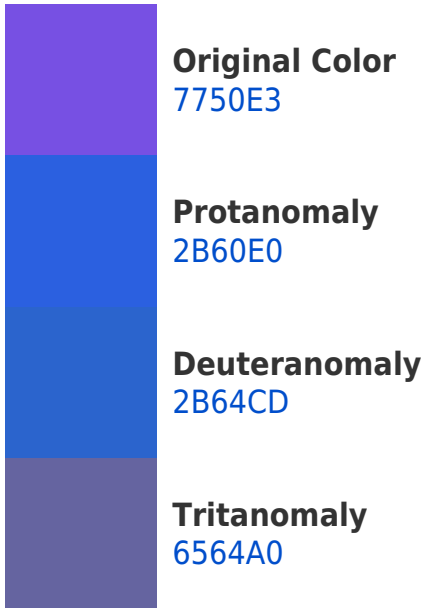
Dichromacy



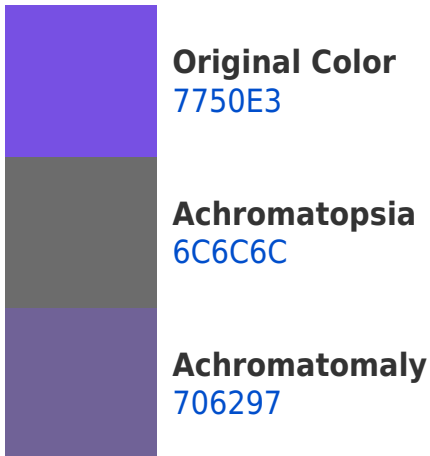


Tritanopia
5A7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7750E3 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 #7750E3 looks like.

```
.text, #text, p{  
    color:#7750E3  
}
```

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 #7750E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7750E3
}
```

Border

The CSS property to change the border of an element to Hex 7750E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

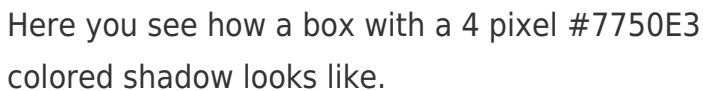
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7750E3 }
```

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

```
.border{ border-color:#7750E3 }
```

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



Here you see how a box with a 4 pixel `#7750E3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7750E3; -webkit-box-shadow:4px 4px  
4px 4px #7750E3; box-shadow:4px 4px 4px  
4px #7750E3 }
```

Background

The CSS property to change the background color of an element to Hex 7750E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7750E3 }
```

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

```
.background{ background-color:#7750E3 }
```

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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