

Converting Colors

Hex(7770D2)

Have a look what the booklet for
Hex(7770D2) contains.

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Color

Hex(7770D2)

Conversions

Conversions Part 1

Format	Color
Hex	7770D2
RGB	119, 112, 210
RGB Percent	47%, 44%, 82%
CMY	0.5333, 0.5608, 0.1765
CMYK	0.43, 0.47, 0.00, 0.18
HSL	244°, 52%, 63%
HSV	244°, 47%, 82%
XYZ	25.0348, 20.1634, 63.5452
YIQ	125.2650, -27.2860, 31.9620

Conversions

Conversions Part 2

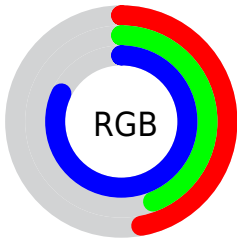
Format	Color
RYB	119, 112, 210
Decimal	7827666
CIELab	52.02, 27.31, -49.86
CIELCh	52, 56.848, 298.713
Yxy	20.1634, 0.2302, 0.1854
Android (android.graphics.Color)	4286017746 (0xFF7770D2)
YUV	125.2650, 41.7744, -5.4944
Hunter-Lab	44.9037, 20.9361, -52.4713

Details

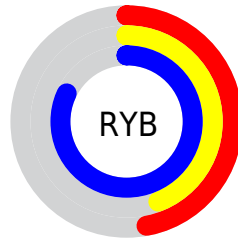
The Hex color **7770D2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CBD270**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AFA4FF**, and **3F409B** is the 20% darker color. If you saturate the color by 10%, you get **635BD2**, and if you desaturate by 10%, it is **8A85D2**.

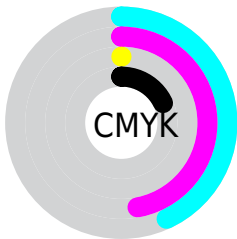
Distribution



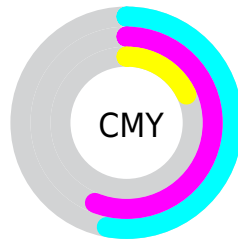
- Red (47%)
- Green (44%)
- Blue (82%)



- Red (47%)
- Yellow (44%)
- Blue (82%)



- Cyan (43%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7770D2 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 7770D2 by changing the saturation by 10% instead.

7770D2

7770D2

FFFFFF

5B58B6

AFA4FF

3F409B

CCBFFF

1F2A80

E9DBFF

001667

FFF7FF

00004E

000536

000220

000004

000000

■ 7770D2

■ 7770D2

■ 635BD2

■ 8A85D2

■ 5046D2

■ 9E9AD2

■ 3C31D2

■ B2AFD2

■ 291CD2

■ C5C4D2

■ 1507D2

■ D9D9D2

■ 0F00D2

■ ECEED2

■ FFFFD2

Harmonies

Analogous

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



0082DE



7770D2



B45AAF

Triad

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



7770D2



BB6626



009378

Complementary

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



7770D2



CBD270

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.



0F8F47



7770D2



967905

Square

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



7770D2



D15250



66871B



0092AA

Rectangle

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



7770D2



CA4E91



66871B



009267

Sweetspot

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



7770D2



DEDBFF



70CBD2



6B6A80



000000



808080

Same Dimension

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



7770D2



7A70FF



A870D2



5F5E69



0C00A8



030029

Inverse Universe

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



D270CB



FF70F5



9AD270



695E68



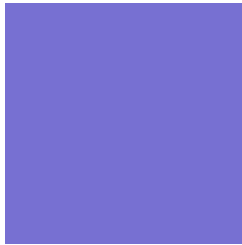
A8009C



290026

Previews

White Background



This preview shows how the Hex color 7770D2 looks on a white background.

Color Contrast Check

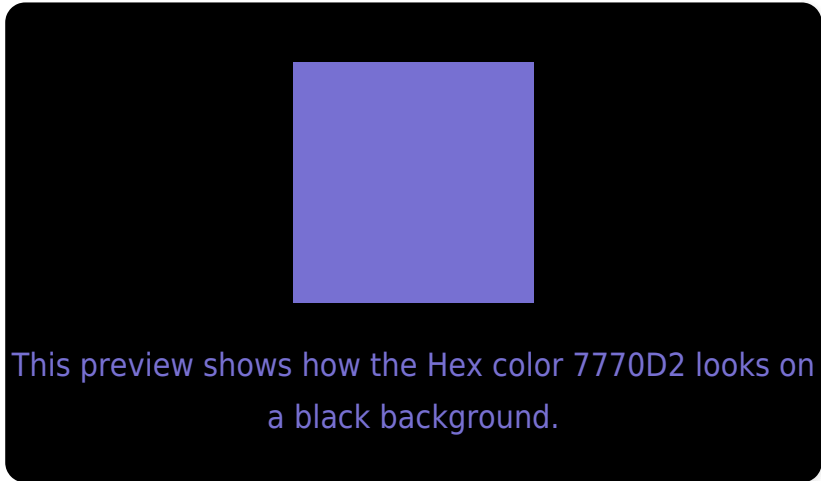
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7770D2 Background



This preview shows how black text looks on a background with the Hex color 7770D2.



This preview shows how white text looks on a background with the Hex color 7770D2.

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
65808B

Trichromacy



Original Color
7770D2

Protanomaly
5E76D7

Deuteranomaly
5678D0

Tritanomaly
6C7AA5

Monochromacy



Original Color
7770D2

Achromatopsia
7D7D7D

Achromatomaly
7B789C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7770D2 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 #7770D2 looks like.

```
.text, #text, p{  
    color:#7770D2  
}
```

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 #7770D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7770D2
}
```

Border

The CSS property to change the border of an element to Hex 7770D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

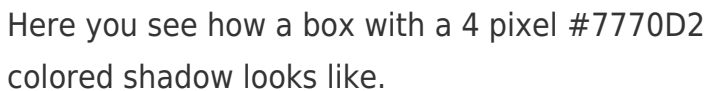
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7770D2 }
```

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

```
.border{ border-color:#7770D2 }
```

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



Here you see how a box with a 4 pixel #7770D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7770D2; -webkit-box-shadow:4px 4px  
4px 4px #7770D2; box-shadow:4px 4px 4px  
4px #7770D2 }
```

Background

The CSS property to change the background color of an element to Hex 7770D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7770D2 }
```

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

```
.background{ background-color:#7770D2 }
```

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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