

Converting Colors

Hex(7662DC)

Have a look what the booklet for
Hex(7662DC) contains.

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Color

Hex(7662DC)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7662DC |
| RGB | 118, 98, 220 |
| RGB Percent | 46%, 38%, 86% |
| CMY | 0.5373, 0.6157, 0.1373 |
| CMYK | 0.46, 0.55, 0.00, 0.14 |
| HSL | 250°, 64%, 62% |
| HSV | 250°, 55%, 86% |
| XYZ | 24.7572, 17.7542, 69.8322 |
| YIQ | 117.8880, -27.2420, 42.1820 |

Conversions

Conversions Part 2

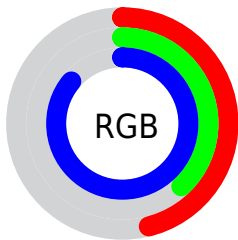
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 118, 98, 220 |
| Decimal | 7758556 |
| CIE _{Lab} | 49.20, 38.30, -60.07 |
| CIE _{LCh} | 49, 71.239, 302.521 |
| Yxy | 17.7542, 0.2204, 0.1580 |
| Android (android.graphics.Color) | 4285948636 (0xFF7662DC) |
| YUV | 117.8880, 50.3412, 0.0982 |
| Hunter-Lab | 42.1358, 31.1414, -68.7671 |

Details

The Hex color **7662DC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C8DC62**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B095FF**, and **3A32A4** is the 20% darker color. If you saturate the color by 10%, you get **644CDC**, and if you desaturate by 10%, it is **8878DC**.

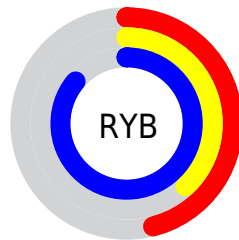
Distribution



Red (46%)

Green (38%)

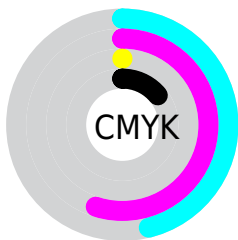
Blue (86%)



Red (46%)

Yellow (38%)

Blue (86%)

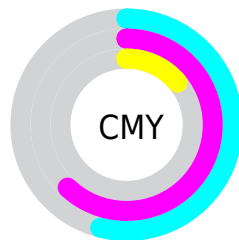


Cyan (46%)

Magenta (55%)

Yellow (0%)

Black (14%)



Cyan (54%)

Magenta (62%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7662DC 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 7662DC by changing the saturation by 10% instead.

 7662DC

 7662DC

FFFFFF

 594AC0

 B095FF

 3A32A4

 CDB0FF

 131C89

 EBCCFF

 00076F

 FFE8FF

 000056

 00063D

 000327

 000110

 000000

 7662DC

 7662DC

 644CDC

 8878DC

 5136DC

 9B8EDC

 3F20DC

 ADA4DC

 2C0ADC

 C0BADC

 2400DC

 D2D0DC

 E4E6DC

 F7FCDC

 FFFFDC

Harmonies

Analogous

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



007BEF



7662DC



BF3FAE

Triad

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



7662DC



B85C00



008F79

Complementary

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



7662DC



C8DC62

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.



008B39



7662DC



897400

Square

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



7662DC



D73A38



4B8300



008FB5

Rectangle

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



7662DC



D72A87



4B8300



008E63

Sweetspot

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



7662DC



DBD4FF



62CADC



6A6680



000000



808080

Same Dimension

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



7662DC



7054FF



B162DC



64636E



1C00AD



08002E

Inverse Universe

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



DC62C8



FF54E3



8DDC62



6E636C



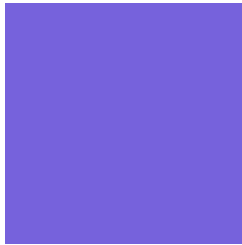
AD0091



2E0026

Previews

White Background



This preview shows how the Hex color 7662DC looks on a white background.

Color Contrast Check

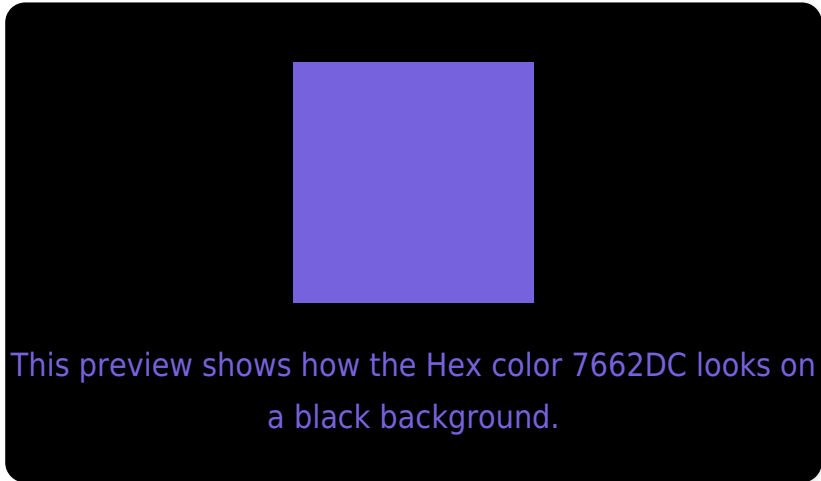
Large Text (above 18pt) WCAG AA ✓ Pass

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

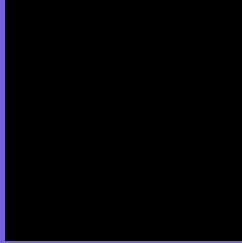
Any Text WCAG AA ✓ Pass

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 7662DC Background



This preview shows how black text looks on a background with the Hex color 7662DC.



This preview shows how white text looks on a background with the Hex color 7662DC.

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



Trichromacy



Original Color
7662DC



Protanomaly
3D6BE6



Tritanomaly
6771A3

Monochromacy



Original Color
7662DC



Achromatopsia
767676



Achromatomaly
766F9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7662DC 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 #7662DC looks like.

```
.text, #text, p{  
    color:#7662DC  
}
```

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 #7662DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7662DC
}
```

Border

The CSS property to change the border of an element to Hex 7662DC 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
#7662DC }
```

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

```
.border{ border-color:#7662DC }
```

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

Here you see how a box with a 4 pixel #7662DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7662DC; -webkit-box-shadow:4px 4px  
4px 4px #7662DC; box-shadow:4px 4px 4px  
4px #7662DC }
```

Background

The CSS property to change the background color of an element to Hex 7662DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7662DC }
```

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

```
.background{ background-color:#7662DC }
```

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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