

# Converting Colors

Hex(7962D0)

Have a look what the booklet for  
Hex(7962D0) contains.

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# Color

Hex(7962D0)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7962D0                      |
| RGB         | 121, 98, 208                |
| RGB Percent | 47%, 38%, 82%               |
| CMY         | 0.5255, 0.6157, 0.1843      |
| CMYK        | 0.42, 0.53, 0.00, 0.18      |
| HSL         | 253°, 54%, 60%              |
| HSV         | 253°, 53%, 82%              |
| XYZ         | 23.6380, 17.3544, 61.7784   |
| YIQ         | 117.4170, -21.6020, 39.0860 |

# Conversions

## Conversions Part 2

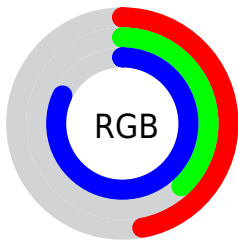
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 121, 98, 208                  |
| Decimal                             | 7955152                       |
| CIE Lab                             | 48.70, 35.54, -54.01          |
| CIE LCh                             | 49, 64.657, 303.342           |
| Yxy                                 | 17.3544, 0.2300,<br>0.1689    |
| Android<br>(android.graphics.Color) | 4286145232<br>(0xFF7962D0)    |
| YUV                                 | 117.4170, 44.6574,<br>3.1423  |
| Hunter-Lab                          | 41.6586, 28.3823,<br>-58.7642 |

# Details

The Hex color **7962D0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9D062**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B295FF**, and **413399** is the 20% darker color. If you saturate the color by 10%, you get **694DD0**, and if you desaturate by 10%, it is **8977D0**.

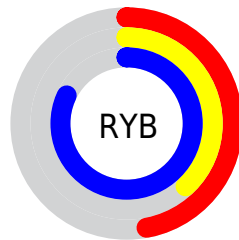
# Distribution



Red (47%)

Green (38%)

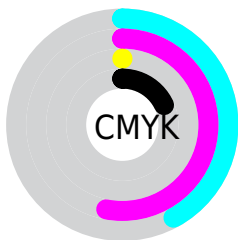
Blue (82%)



Red (47%)

Yellow (38%)

Blue (82%)

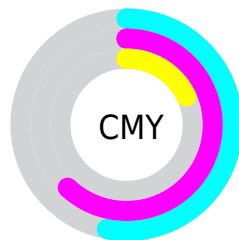


Cyan (42%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (62%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7962D0 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 7962D0 by changing the saturation by 10% instead.



■ 7962D0

■ 7962D0

FFFFFF

■ 5D4AB4

■ B295FF

■ 413399

■ CEB0FF

■ 211C7E

■ ECCCCF

■ 000765

■ FFE8FF

■ 00004C

■ 000434

■ 00021E

■ 000000

■ 7962D0

■ 7962D0

694DD0

8977D0

5838D0

9A8CD0

4824D0

AAA0D0

370FD0

BBB5D0

2B00D0

CBCAD0

DCDFD0

ECF4D0

FDFFD0

FFFFD0

# Harmonies

## Analogous

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



0079E2



7962D0



B945A6

# Triad

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



7962D0



B15E00



008C78

# Complementary

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



7962D0



B9D062

# 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.



00893F



7962D0



867300

# Square

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



7962D0



CD433B



4E8100



008BAF

# Rectangle

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



7962D0



CE3682



4E8100



008B65



# Sweetspot

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



7962D0



DFD6FF



62BAD0



6C6780



000000



808080



# Same Dimension

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



7962D0



805EFF



AF62D0



605E69



2300A8



090029



# Inverse Universe

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



D062B9



FF5EDD



83D062



695E66



A80085



290020



# Previews

## White Background



This preview shows how the Hex color 7962D0 looks on a white background.

## Color Contrast Check

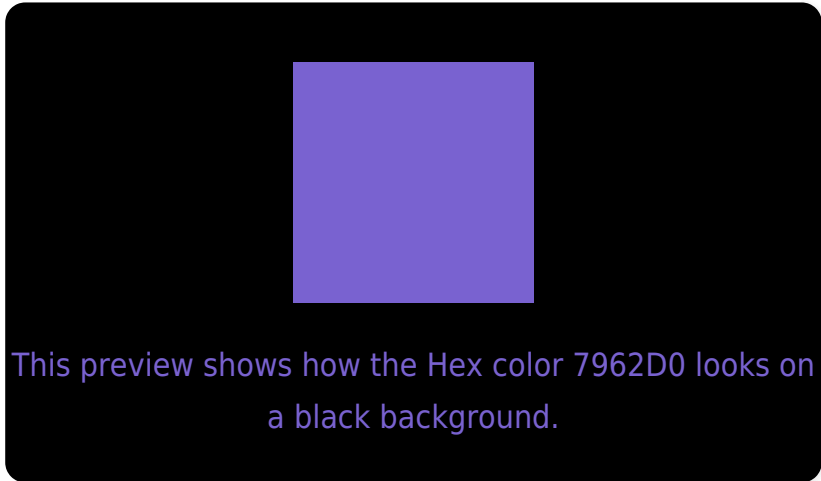
Large Text (above 18pt) WCAG AA ✓ Pass

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

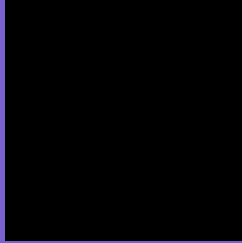
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7962D0 Background



This preview shows how black text looks on a background with the Hex color 7962D0.

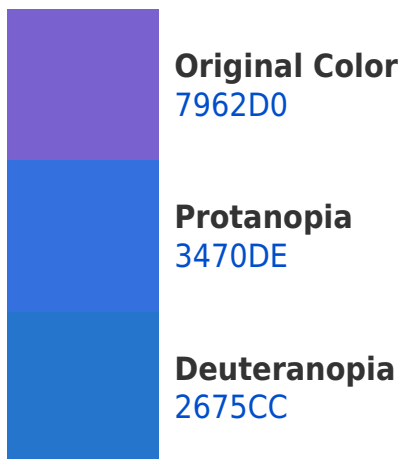


This preview shows how white text looks on a background with the Hex color 7962D0.

# 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](#).

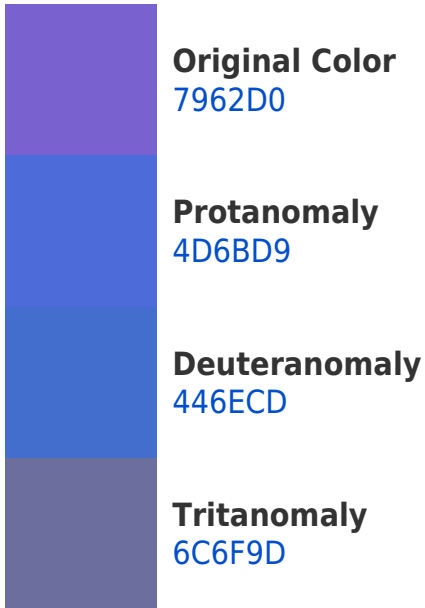
## Dichromacy



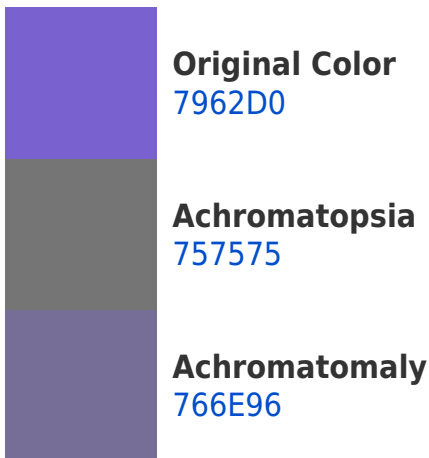


**Tritanopia**  
657680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7962D0 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 #7962D0 looks like.

```
.text, #text, p{  
    color:#7962D0  
}
```

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 #7962D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7962D0
}
```

## Border

The CSS property to change the border of an element to Hex 7962D0 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
#7962D0 }
```

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

```
.border{ border-color:#7962D0 }
```

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

Here you see how a box with a 4 pixel #7962D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7962D0; -webkit-box-shadow:4px 4px  
4px 4px #7962D0; box-shadow:4px 4px 4px  
4px #7962D0 }
```

# Background

The CSS property to change the background color of an element to Hex 7962D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7962D0 }
```

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

```
.background{ background-color:#7962D0 }
```

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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