

# Converting Colors

Hex(7420DB)

Have a look what the booklet for  
Hex(7420DB) contains.

<b>Hex(7420DB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7420DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7420DB
RGB	116, 32, 219
RGB Percent	45%, 13%, 86%
CMY	0.5451, 0.8745, 0.1412
CMYK	0.47, 0.85, 0.00, 0.14
HSL	267°, 75%, 49%
HSV	267°, 85%, 86%
XYZ	20.5052, 9.8605, 67.8404
YIQ	78.4340, -9.9630, 75.9650

# Conversions

## Conversions Part 2

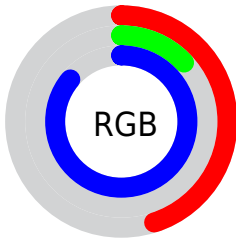
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 32, 219
Decimal	7610587
CIE Lab	37.59, 68.88, -78.42
CIE LCh	38, 104.379, 311.295
Yxy	9.8605, 0.2088, 0.1004
Android (android.graphics.Color)	4285800667 (0xFF7420DB)
YUV	78.4340, 69.2990, 32.9454
Hunter-Lab	31.4014, 61.6081, -106.1104

# Details

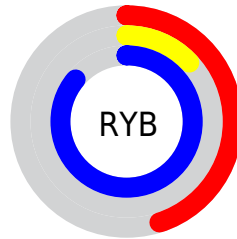
The Hex color **7420DB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **87DB20**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B15BFF**, and **3100A2** is the 20% darker color. If you saturate the color by 10%, you get **680ADB**, and if you desaturate by 10%, it is **8036DB**.

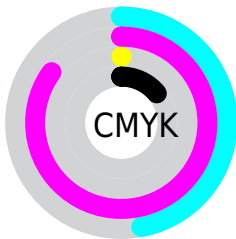
# Distribution



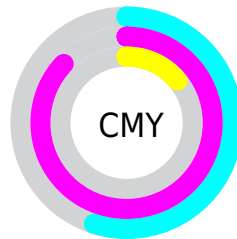
- Red (45%)
- Green (13%)
- Blue (86%)



- Red (45%)
- Yellow (13%)
- Blue (86%)



- Cyan (47%)
- Magenta (85%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (87%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7420DB 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 7420DB by changing the saturation by 10% instead.



 7420DB

 7420DB

FFFFFF

 5500BE

 B15BFF

 3100A2

 CF76FF

 000087

 EE92FF

 00006D

 FFAEFF

 000053


 FFCBFF

 00063B

 FFE8FF

 000225

 00010D

 000000

 7420DB

 7420DB

 680ADB

 8036DB

 6200DB

 8C4CDB

 9862DB

 A478DB

 B08DDB

 BCA3DB

 C8B9DB

 D5CFDB

 E1E5DB

# Harmonies

## Analogous

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



005DFF



7420DB



CB0091

# Triad

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



7420DB



963E00



007578

# Complementary

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



7420DB



87DB20

# 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.



00721A



7420DB



4F6000

# Square

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



7420DB



C80000



006D00



0076C9

# Rectangle

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



7420DB



DE0059



006D00



00745A



# Sweetspot

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



7420DB



DABDFF



208ADB



6A5880



000000



808080



# Same Dimension

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



7420DB



7300FF



CF20DB



68636E



4E00AD



15002E



# Inverse Universe

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



DB2087



FF008C



2CDB20



6E6369



AD0060

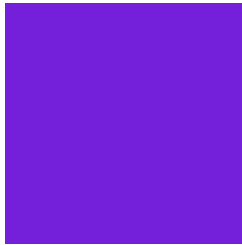


2E0019



# Previews

## White Background



This preview shows how the Hex color 7420DB 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

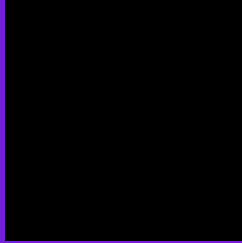
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7420DB Background



This preview shows how black text looks on a background with the Hex color 7420DB.

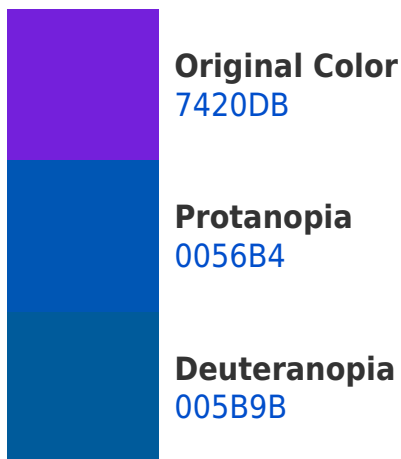


This preview shows how white text looks on a background with the Hex color 7420DB.

# 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](#).

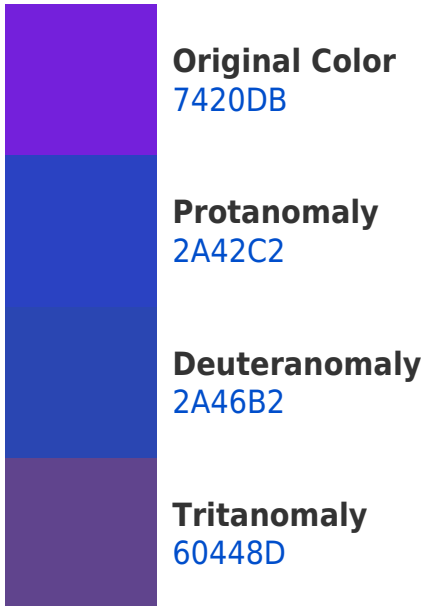
## Dichromacy



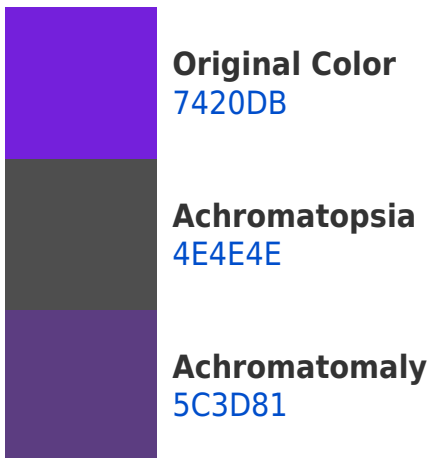


**Tritanopia**  
545960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7420DB 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 #7420DB looks like.

```
.text, #text, p{  
    color:#7420DB  
}
```

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 #7420DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7420DB  
}
```

## Border

The CSS property to change the border of an element to Hex 7420DB 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  
#7420DB }
```

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

```
.border{ border-color:#7420DB }
```

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

Here you see how a box with a 4 pixel #7420DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7420DB; -webkit-box-shadow:4px 4px  
4px 4px #7420DB; box-shadow:4px 4px 4px  
4px #7420DB }
```

# Background

The CSS property to change the background color of an element to Hex 7420DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7420DB }
```

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

```
.background{ background-color:#7420DB }
```

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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