

# Converting Colors

Hex(7452FF)

Have a look what the booklet for  
Hex(7452FF) contains.

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# Color

Hex(7452FF)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7452FF                      |
| RGB         | 116, 82, 255                |
| RGB Percent | 45%, 32%, 100%              |
| CMY         | 0.5451, 0.6784, 0.0000      |
| CMYK        | 0.55, 0.68, 0.00, 0.00      |
| HSL         | 252°, 100%, 66%             |
| HSV         | 252°, 68%, 100%             |
| XYZ         | 28.2698, 16.9676, 96.3928   |
| YIQ         | 111.8880, -35.2690, 61.0110 |

# Conversions

## Conversions Part 2

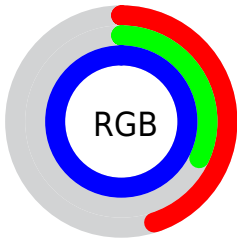
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 116, 82, 255                   |
| Decimal                             | 7623423                        |
| CIE Lab                             | 48.22, 56.95, -81.32           |
| CIE LCh                             | 48, 99.277, 305.006            |
| Yxy                                 | 16.9676, 0.1996,<br>0.1198     |
| Android<br>(android.graphics.Color) | 4285813503<br>(0xFF7452FF)     |
| YUV                                 | 111.8880, 70.5542,<br>3.6062   |
| Hunter-Lab                          | 41.1917, 50.4184,<br>-109.9104 |

# Details

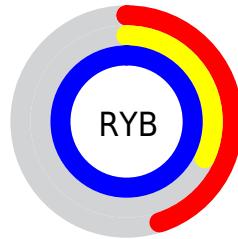
The Hex color **7452FF** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **DDFF52**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B386FF**, and **2A20C5** is the 20% darker color. If you saturate the color by 10%, you get **6039FF**, and if you desaturate by 10%, it is **886BFF**.

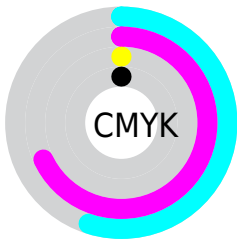
# Distribution



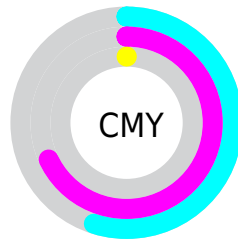
- Red (45%)
- Green (32%)
- Blue (100%)



- Red (45%)
- Yellow (32%)
- Blue (100%)



- Cyan (55%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (68%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7452FF 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 7452FF by changing the saturation by 10% instead.



 7452FF

 7452FF

FFFFFF

 5339E2

 B386FF

 2A20C5

 D1A1FF

 0003A9

 F0BCFF

 00008D

 FFD9FF


 000073

 FFF6FF

 000859

 000741

 00032A

 000114

 7452FF

 7452FF

 6039FF

 886BFF

 4B1FFF

 9D85FF

 3706FF

 B19FFF

 3200FF

 C6B8FF

 DAD2FF

 EFEBFF

FFFFFF

# Harmonies

## Analogous

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



007BFF



7452FF



DC00BB

# Triad

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



7452FF



C25000



00927F

# Complementary

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



7452FF



DDFF52

# 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.



008E21



7452FF



807400

# Square

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



7452FF



EF0014



018600



0093D2

# Rectangle

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



7452FF



F70084



018600



009161



# Sweetspot

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



7452FF



D6CCFF



52DFFF



676180



000000



808080



# Same Dimension

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



7452FF



5930FF



C852FF



757380



2600BF



0D0040



# Inverse Universe

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



FF52DD



FF30D6



89FF52



80737D



BF009A

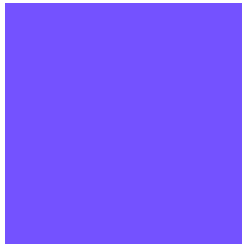


400033



# Previews

## White Background



This preview shows how the Hex color 7452FF looks on a white background.

## Color Contrast Check

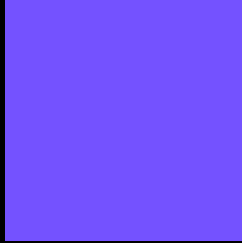
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7452FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

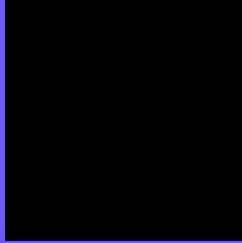
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7452FF Background



This preview shows how black text looks on a background with the Hex color 7452FF.

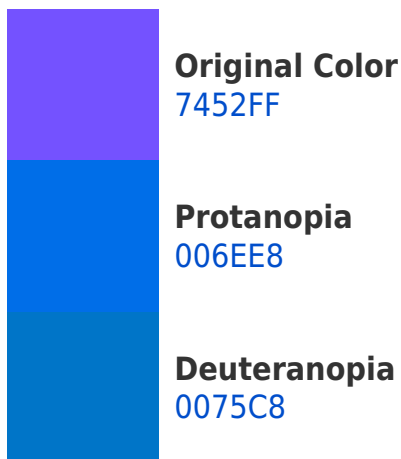


This preview shows how white text looks on a background with the Hex color 7452FF.

# 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](#).

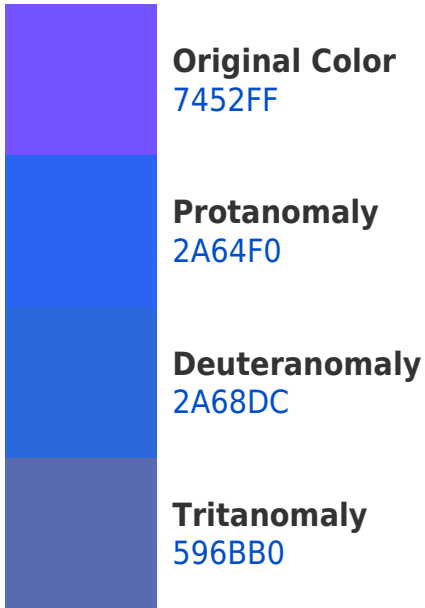
## Dichromacy



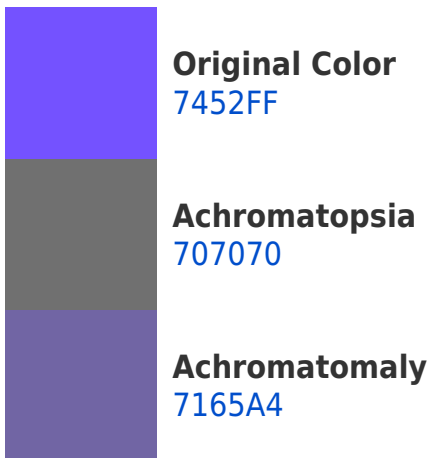


**Tritanopia**  
497983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7452FF 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 #7452FF looks like.

```
.text, #text, p{  
    color:#7452FF  
}
```

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 #7452FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7452FF
}
```

## Border

The CSS property to change the border of an element to Hex 7452FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

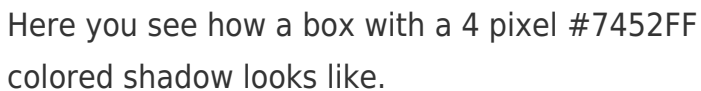
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7452FF }
```

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

```
.border{ border-color:#7452FF }
```

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



Here you see how a box with a 4 pixel #7452FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7452FF; -webkit-box-shadow:4px 4px  
4px 4px #7452FF; box-shadow:4px 4px 4px  
4px #7452FF }
```

# Background

The CSS property to change the background color of an element to Hex 7452FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7452FF }
```

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

```
.background{ background-color:#7452FF }
```

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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