

# Converting Colors

Hex(4527FD)

Have a look what the booklet for  
Hex(4527FD) contains.

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# Color

Hex(4527FD)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 4527FD                     |
| RGB           | 69, 39, 253                |
| RGB Percent   | 27%, 15%, 99%              |
| CMY           | 0.7294, 0.8471, 0.0078     |
| CMYK          | 0.73, 0.85, 0.00, 0.01     |
| HSL           | 248°, 98%, 57%             |
| HSV           | 248°, 85%, 99%             |
| XYZ           | 20.9094, 9.8081, 93.7196   |
| YIQ           | 72.3660, -50.8140, 72.9140 |

# Conversions

## Conversions Part 2

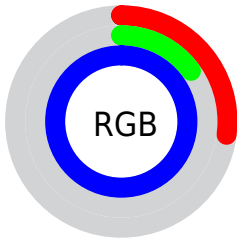
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 69, 39, 253                    |
| Decimal                             | 4532221                        |
| CIE Lab                             | 37.50, 71.25, -98.01           |
| CIE LCh                             | 37, 121.175, 306.015           |
| Yxy                                 | 9.8081, 0.1680,<br>0.0788      |
| Android<br>(android.graphics.Color) | 4282722301<br>(0xFF4527FD)     |
| YUV                                 | 72.3660, 89.0526,<br>-2.9520   |
| Hunter-Lab                          | 31.3179, 64.3692,<br>-155.5044 |

# Details

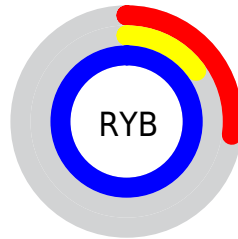
The Hex color **4527FD** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **DDFD27**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **905EFF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **2F0EFD**, and if you desaturate by 10%, it is **5B40FD**.

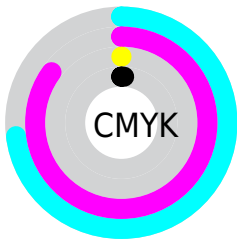
# Distribution



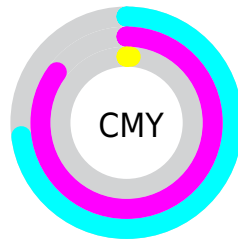
- Red (27%)
- Green (15%)
- Blue (99%)



- Red (27%)
- Yellow (15%)
- Blue (99%)



- Cyan (73%)
- Magenta (85%)
- Yellow (0%)
- Black (1%)



- Cyan (73%)
- Magenta (85%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4527FD 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 4527FD by changing the saturation by 10% instead.



 4527FD

 4527FD

FFFFFF

 0002DF

 905EFF

 0000C3

 B178FF

 0000A6

 D294FF

 00008B

 F2AFFF

 000770

 FFCCFF

 000C56

 FFE9FF

 00063E

 000327

 000111

■ 4527FD

■ 4527FD

■ 2F0EFD

■ 5B40FD

■ 2300FD

■ 715AFD

■ 8673FD

■ 9C8CFD

■ B2A6FD

■ C8BFFD

■ DDD8FD

■ F3F1FD

FFFFFD

# Harmonies

## Analogous

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



0066FF



4527FD



D100AA

# Triad

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



4527FD



A82900



00766B

# Complementary

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



4527FD



DFFD27

# 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.



007300



4527FD



5B5C00

# Square

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



4527FD



DD0000



006D00



0079CD

# Rectangle

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



4527FD



ED006A



006D00



007548



# Sweetspot

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



4527FD



C8BFFF



27E0FD



5F5980



000000



808080



# Same Dimension

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



4527FD



2400FF



AF27FD



757380



1B00BF



090040



# Inverse Universe

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



FD27DF



FF00DB



75FD27



80737E



BF00A4

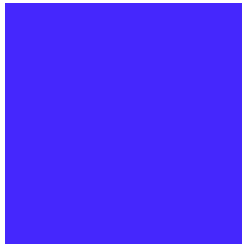


400037



# Previews

## White Background



This preview shows how the Hex color 4527FD 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

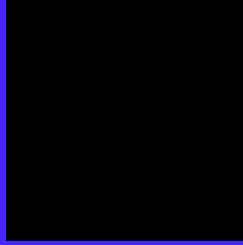
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4527FD Background



This preview shows how black text looks on a background with the Hex color 4527FD.

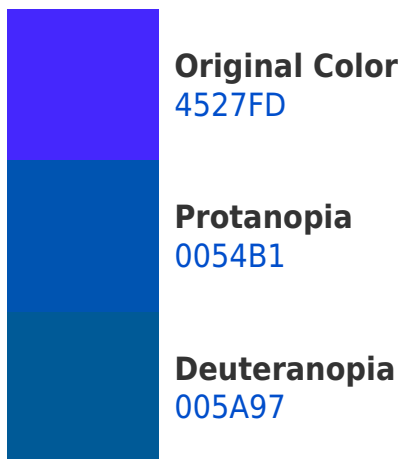


This preview shows how white text looks on a background with the Hex color 4527FD.

# Color Blindness Simulation

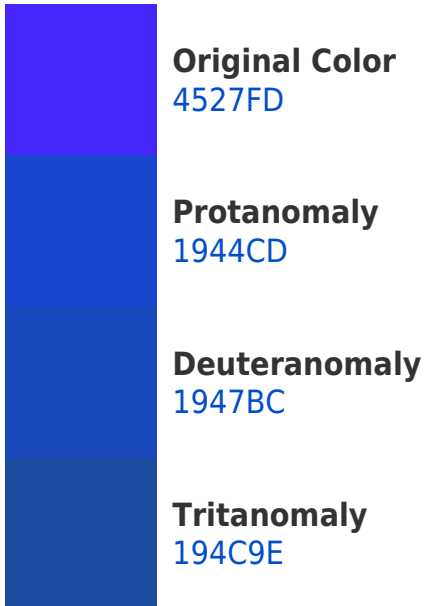
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

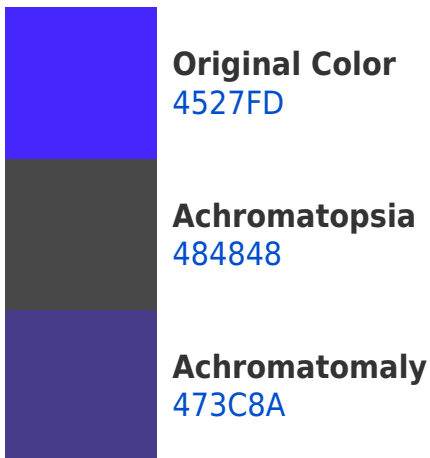




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4527FD 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 #4527FD looks like.

```
.text, #text, p{  
    color:#4527FD  
}
```

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 #4527FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4527FD
}
```

## Border

The CSS property to change the border of an element to Hex 4527FD 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".

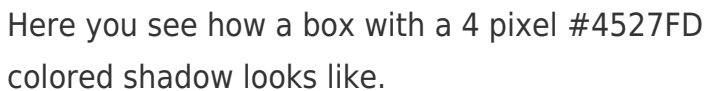
```
.border, #border, table{ border:4px solid
#4527FD }
```

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

```
.border{ border-color:#4527FD }
```

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

Here you see how a box with a 4 pixel #4527FD colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4527FD; -webkit-box-shadow:4px 4px  
4px 4px #4527FD; box-shadow:4px 4px 4px  
4px #4527FD }
```

# Background

The CSS property to change the background color of an element to Hex 4527FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4527FD }
```

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

```
.background{ background-color:#4527FD }
```

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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