

# Converting Colors

Hex(4454DF)

Have a look what the booklet for  
Hex(4454DF) contains.

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# Color

**Hex(4454DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4454DF
RGB	68, 84, 223
RGB Percent	27%, 33%, 87%
CMY	0.7333, 0.6706, 0.1255
CMYK	0.70, 0.62, 0.00, 0.13
HSL	234°, 71%, 57%
HSV	234°, 70%, 87%
XYZ	18.8735, 12.8973, 71.3067
YIQ	95.0620, -54.1550, 39.8370

# Conversions

## Conversions Part 2

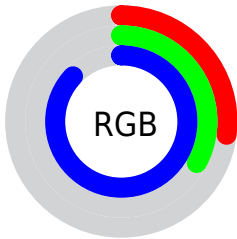
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 83, 223
Decimal	4478175
CIE Lab	42.61, 39.08, -72.63
CIE LCh	43, 82.480, 298.284
Yxy	12.8973, 0.1831, 0.1251
Android (android.graphics.Color)	4282668255 (0xFF4454DF)
YUV	95.0620, 63.0734, -23.7334
Hunter-Lab	35.9128, 30.9609, -92.5843

# Details

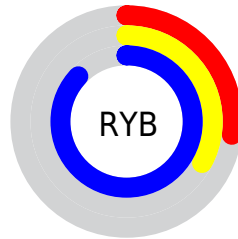
The Hex color **4454DF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DFCF44**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8686FF**, and **0027A7** is the 20% darker color. If you saturate the color by 10%, you get **2E40DF**, and if you desaturate by 10%, it is **5A68DF**.

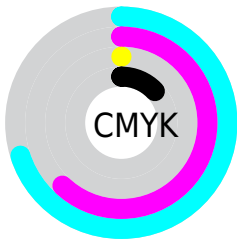
# Distribution



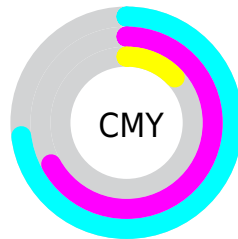
- Red (27%)
- Green (33%)
- Blue (87%)



- Red (27%)
- Yellow (33%)
- Blue (87%)



- Cyan (70%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (73%)
- Magenta (67%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4454DF 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 4454DF by changing the saturation by 10% instead.



 4454DF

 4454DF

FFFFFF

 113DC2


 8686FF

 0027A7

 A5A0FF

 00148B

 C4BBFF

 000071

 E2D7FF

 000757

 FFF3FF

 00063F

 000328

 000112

 000000


 4454DF

 4454DF

 2E40DF

 5A68DF

 172CDF

 717CDF

 0118DF

 8790DF

 0017DF

 9DA4DF

 B3B8DF

 CACCDF

 E0E0DF

 F6F4DF

 FFFFDF

# Harmonies

## Analogous

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



0070F0



4454DF



AF1BAE

# Triad

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



4454DF



B14000



007F5F

# Complementary

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



4454DF



DF4444

# 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.



007B0D



4454DF



7F6100

# Square

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



4454DF



D00029



397300



0080A4

# Rectangle

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



4454DF



CC0082



397300



007E46



# Sweetspot

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



4454DF



C9CFFF



44DFCD



606380



000000



808080



# Same Dimension

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



4454DF



2B41FF



7F44DF



656670



0012B0



000530



# Inverse Universe

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



DF4454



FF2B41



A4DF44



706566



B00012

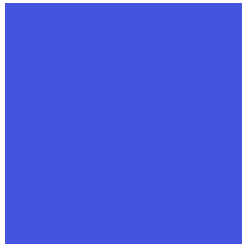


300005



# Previews

## White Background



This preview shows how the Hex color 4454DF looks on a white background.

## Color Contrast Check

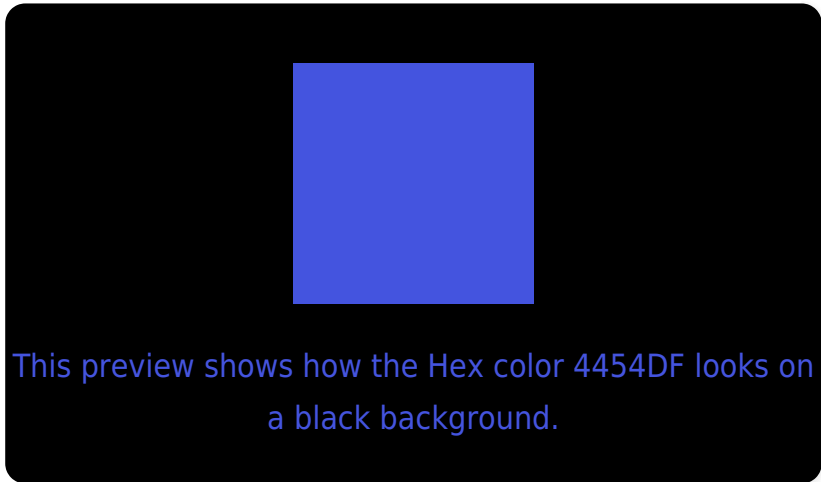
Large Text (above 18pt) WCAG AA ✓ Pass

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

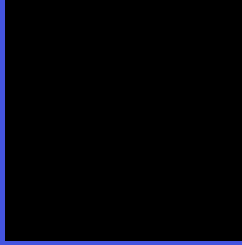
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4454DF Background



This preview shows how black text looks on a background with the Hex color 4454DF.

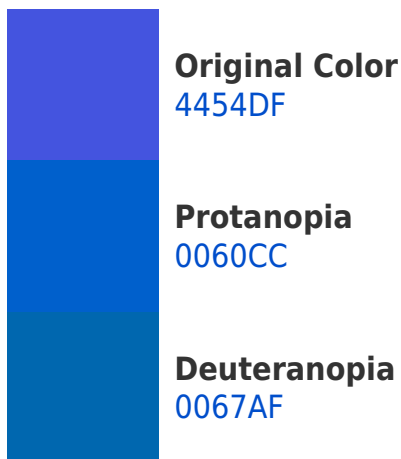


This preview shows how white text looks on a background with the Hex color 4454DF.

# 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](#).

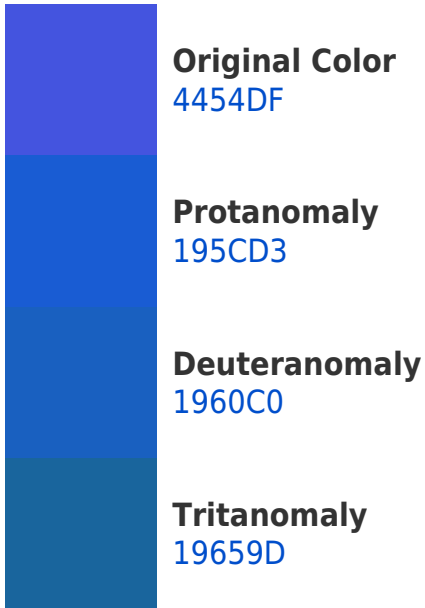
## Dichromacy





**Tritanopia**  
006F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4454DF 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 #4454DF looks like.

```
.text, #text, p{  
    color:#4454DF  
}
```

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 #4454DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4454DF
}
```

## Border

The CSS property to change the border of an element to Hex 4454DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

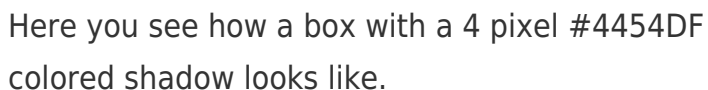
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4454DF }
```

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

```
.border{ border-color:#4454DF }
```

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



Here you see how a box with a 4 pixel #4454DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4454DF; -webkit-box-shadow:4px 4px  
4px 4px #4454DF; box-shadow:4px 4px 4px  
4px #4454DF }
```

# Background

The CSS property to change the background color of an element to Hex 4454DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4454DF }
```

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

```
.background{ background-color:#4454DF }
```

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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