

# Converting Colors

Hex(4E4DF1)

Have a look what the booklet for  
Hex(4E4DF1) contains.

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# Color

**Hex(4E4DF1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E4DF1
RGB	78, 77, 241
RGB Percent	31%, 30%, 95%
CMY	0.6941, 0.6980, 0.0549
CMYK	0.68, 0.68, 0.00, 0.05
HSL	240°, 85%, 62%
HSV	240°, 68%, 95%
XYZ	21.6729, 13.2783, 84.6398
YIQ	95.9950, -52.0480, 51.2160

# Conversions

## Conversions Part 2

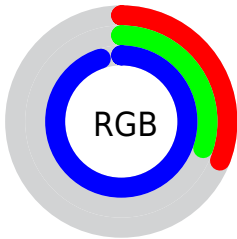
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 77, 241
Decimal	5131761
CIE <sub>Lab</sub>	43.18, 50.38, -81.86
CIE <sub>LCh</sub>	43, 96.122, 301.610
Yxy	13.2783, 0.1812, 0.1110
Android (android.graphics.Color)	4283321841 (0xFF4E4DF1)
YUV	95.9950, 71.4875, -15.7816
Hunter-Lab	36.4394, 42.3967, -112.2083

# Details

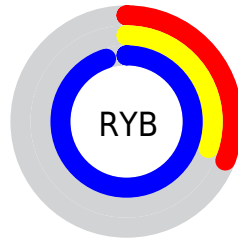
The Hex color **4E4DF1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **F0F14D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **917FFF**, and **001FB8** is the 20% darker color. If you saturate the color by 10%, you get **3635F1**, and if you desaturate by 10%, it is **6665F1**.

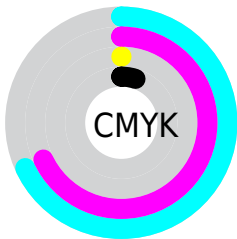
# Distribution



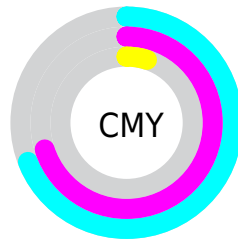
- Red (31%)
- Green (30%)
- Blue (95%)



- Red (31%)
- Yellow (30%)
- Blue (95%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (5%)



- Cyan (69%)
- Magenta (70%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E4DF1 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 4E4DF1 by changing the saturation by 10% instead.



 4E4DF1

 4E4DF1

FFFFFF

 1F35D4

 917FFF

 001FB8

 B199FF

 00099C

 D0B5FF

 000081


 EFD0FF

 000167

 FFEDFF

 000A4D

 000536

 00021F

 000003

■ 4E4DF1

■ 4E4DF1

■ 3635F1

■ 6665F1

■ 1E1DF1

■ 7E7DF1

■ 0605F1

■ 9695F1

■ 0100F1

■ AEADF1

■ C6C6F1

■ DEDEF1

■ F6F6F1

■ FFFFF1

# Harmonies

## Analogous

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



0072FF



4E4DF1



C200B3

# Triad

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



4E4DF1



B63E00



008369

# Complementary

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



4E4DF1



F0F14D

# 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.



007F02



4E4DF1



796500

# Square

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



4E4DF1



DE0018



157700



0084B9

# Rectangle

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



4E4DF1



E00080



157700



00824C



# Sweetspot

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



4E4DF1



CCCCFF



4DF1F1



616180



000000



808080



# Same Dimension

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



4E4DF1



2F2EFF



9F4DF1



6C6C78



0100B8



000038



# Inverse Universe

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



F14DF0



FF2EFE



9FF14D



786C78



B800B6

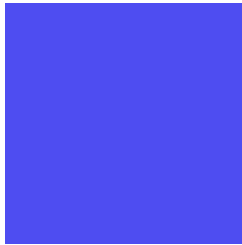


380038



# Previews

## White Background



This preview shows how the Hex color 4E4DF1 looks on a white background.

## Color Contrast Check

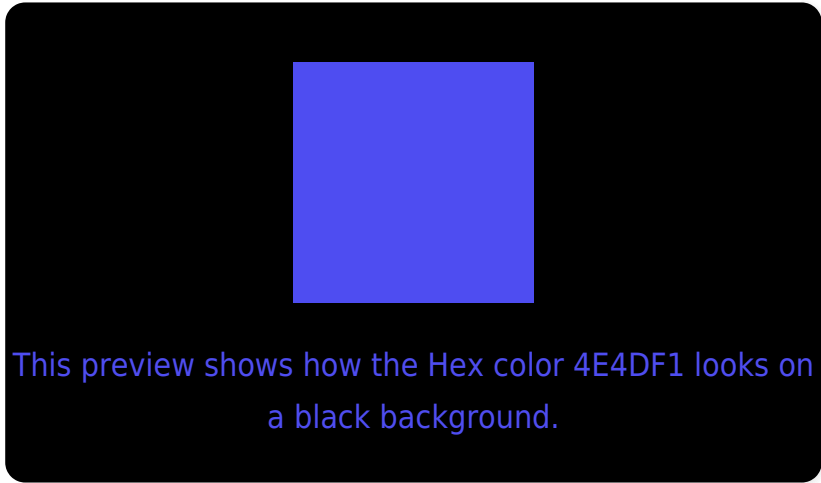
Large Text (above 18pt) WCAG AA ✓ Pass

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

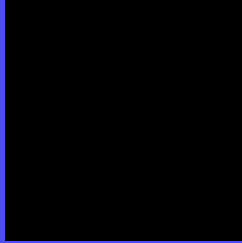
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E4DF1 Background



This preview shows how black text looks on a background with the Hex color 4E4DF1.



This preview shows how white text looks on a background with the Hex color 4E4DF1.

# 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



**Original Color**  
4E4DF1



**Protanomaly**  
1C5ADB



**Deuteranomaly**  
1C5EC8



**Tritanomaly**  
1C63A4

# Monochromacy



**Original Color**  
4E4DF1



**Achromatopsia**  
606060



**Achromatomaly**  
595995

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E4DF1 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 #4E4DF1 looks like.

```
.text, #text, p{  
    color:#4E4DF1  
}
```

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 #4E4DF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4DF1
}
```

## Border

The CSS property to change the border of an element to Hex 4E4DF1 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
#4E4DF1 }
```

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

```
.border{ border-color:#4E4DF1 }
```

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

Here you see how a box with a 4 pixel #4E4DF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4DF1; -webkit-box-shadow:4px 4px  
4px 4px #4E4DF1; box-shadow:4px 4px 4px  
4px #4E4DF1 }
```

# Background

The CSS property to change the background color of an element to Hex 4E4DF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4DF1 }
```

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

```
.background{ background-color:#4E4DF1 }
```

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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