

# Converting Colors

Hex(4D3FE1)

Have a look what the booklet for  
Hex(4D3FE1) contains.

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# Color

**Hex(4D3FE1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D3FE1
RGB	77, 63, 225
RGB Percent	30%, 25%, 88%
CMY	0.6980, 0.7529, 0.1176
CMYK	0.66, 0.72, 0.00, 0.12
HSL	245°, 73%, 56%
HSV	245°, 72%, 88%
XYZ	18.4287, 10.5690, 72.3029
YIQ	85.6540, -43.6580, 53.3500

# Conversions

## Conversions Part 2

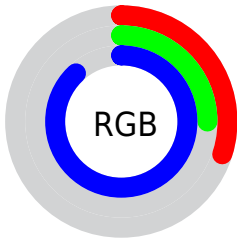
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	77, 63, 225
Decimal	5062625
CIE Lab	38.84, 52.99, -79.93
CIE LCh	39, 95.898, 303.545
Yxy	10.5690, 0.1819, 0.1043
Android (android.graphics.Color)	4283252705 (0xFF4D3FE1)
YUV	85.6540, 68.6976, -7.5896
Hunter-Lab	32.5101, 44.2921, -109.1049

# Details

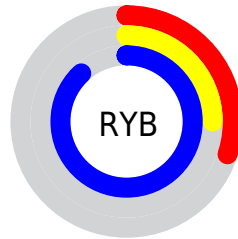
The Hex color **4D3FE1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D3E13F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8F71FF**, and **000EA8** is the 20% darker color. If you saturate the color by 10%, you get **3829E1**, and if you desaturate by 10%, it is **6256E1**.

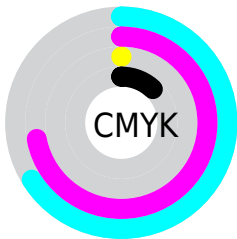
# Distribution



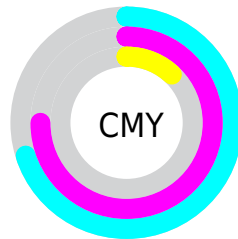
- Red (30%)
- Green (25%)
- Blue (88%)



- Red (30%)
- Yellow (25%)
- Blue (88%)



- Cyan (66%)
- Magenta (72%)
- Yellow (0%)
- Black (12%)



- Cyan (70%)
- Magenta (75%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D3FE1 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 4D3FE1 by changing the saturation by 10% instead.



■ 4D3FE1

■ 4D3FE1

FFFFFF

■ 2127C4

■ 8F71FF

■ 000EA8

■ AE8BFF

■ 00008D

■ CDA6FF

■ 000072

■ EBC2FF

■ 000959

■ FFDEFF

■ 000740

■ FFFBFF

■ 000329

■ 000113

■ 000000

■ 4D3FE1

■ 4D3FE1

■ 3829E1

■ 6256E1

■ 2412E1

■ 766CE1

■ 1300E1

■ 8B83E1

■ 9F99E1

■ B4B0E1

■ C8C6E1

■ DDDCE1

■ F1F3E1

■ FFFFE1

# Harmonies

## Analogous

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



0066FC



4D3FE1



B900A3

# Triad

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



4D3FE1



A43700



007763

# Complementary

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



4D3FE1



D3E13F

# 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.



007400



4D3FE1



685C00

# Square

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



4D3FE1



CD0007



006D00



0078B1

# Rectangle

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



4D3FE1



D40070



006D00



007648



# Sweetspot

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



4D3FE1



CCC7FF



3FD4E1



615E80



000000



808080



# Same Dimension

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



4D3FE1



3724FF



9D3FE1



666570



0F00B0



040030



# Inverse Universe

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



E13FD3



FF24EC



82E13F



70656F



B000A1



30002C



# Previews

## White Background



This preview shows how the Hex color 4D3FE1 looks on a white background.

## Color Contrast Check

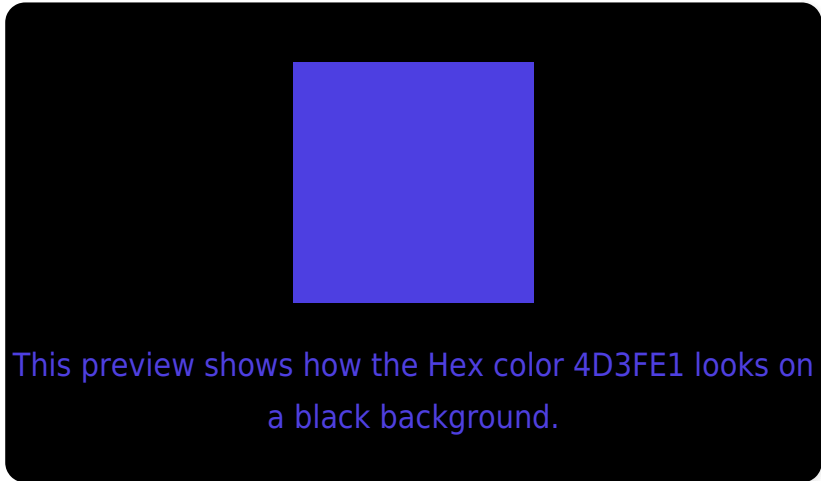
Large Text (above 18pt) WCAG AA ✓ Pass

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

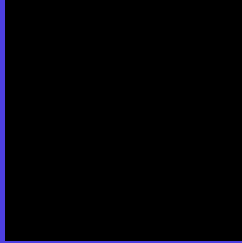
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D3FE1 Background



This preview shows how black text looks on a background with the Hex color 4D3FE1.



This preview shows how white text looks on a background with the Hex color 4D3FE1.

# 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**  
00656C

# Trichromacy



**Original Color**  
4D3FE1

**Protanomaly**  
1C4FC8

**Deuteranomaly**  
1C53B6

**Tritanomaly**  
1C5797

# Monochromacy



**Original Color**  
4D3FE1

**Achromatopsia**  
565656

**Achromatomaly**  
534E89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D3FE1 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 #4D3FE1 looks like.

```
.text, #text, p{  
    color:#4D3FE1  
}
```

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 #4D3FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3FE1
}
```

## Border

The CSS property to change the border of an element to Hex 4D3FE1 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
#4D3FE1 }
```

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

```
.border{ border-color:#4D3FE1 }
```

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

Here you see how a box with a 4 pixel #4D3FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3FE1; -webkit-box-shadow:4px 4px  
4px 4px #4D3FE1; box-shadow:4px 4px 4px  
4px #4D3FE1 }
```

# Background

The CSS property to change the background color of an element to Hex 4D3FE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3FE1 }
```

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

```
.background{ background-color:#4D3FE1 }
```

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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