

# Converting Colors

Hex(433DF7)

Have a look what the booklet for  
Hex(433DF7) contains.

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# Color

Hex(433DF7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	433DF7
RGB	67, 61, 247
RGB Percent	26%, 24%, 97%
CMY	0.7373, 0.7608, 0.0314
CMYK	0.73, 0.75, 0.00, 0.03
HSL	242°, 92%, 60%
HSV	242°, 75%, 97%
XYZ	20.7720, 11.2462, 89.0716
YIQ	83.9980, -56.1300, 59.1180

# Conversions

## Conversions Part 2

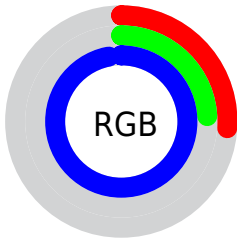
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 61, 247
Decimal	4406775
CIE Lab	39.99, 59.83, -90.51
CIE LCh	40, 108.498, 303.465
Yxy	11.2462, 0.1715, 0.0929
Android (android.graphics.Color)	4282596855 (0xFF433DF7)
YUV	83.9980, 80.3600, -14.9072
Hunter-Lab	33.5353, 51.8772, -134.0027

# Details

The Hex color **433DF7** 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 **F1F73D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8C70FF**, and **000ABD** is the 20% darker color. If you saturate the color by 10%, you get **2B24F7**, and if you desaturate by 10%, it is **5B56F7**.

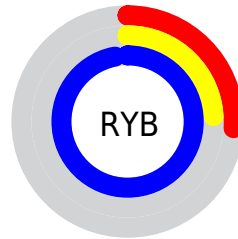
# Distribution



Red (26%)

Green (24%)

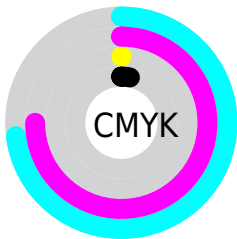
Blue (97%)



Red (26%)

Yellow (24%)

Blue (97%)

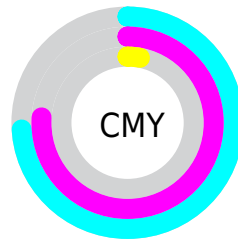


Cyan (73%)

Magenta (75%)

Yellow (0%)

Black (3%)



Cyan (74%)

Magenta (76%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433DF7 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 433DF7 by changing the saturation by 10% instead.



 433DF7

 433DF7

FFFFFF

 0024DA

 8C70FF

 000ABD

 AD8AFF

 0000A1

 CDA5FF

 000086

 ECC0FF

 00066B

 FFDDFF

 000B52

 FFFAFF

 00053A

 000223

 00000A

■ 433DF7

■ 433DF7

■ 2B24F7

■ 5B56F7

■ 130CF7

■ 736EF7

■ 0800F7

■ 8B87F7

■ A3A0F7

■ BBB9F7

■ D2D1F7

■ EAFAF7

■ FFFFF7

# Harmonies

## Analogous

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



006BFF



433DF7



C800B0

# Triad

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



433DF7



AF3200



007B67

# Complementary

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



433DF7



F1F73D

# 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.



007800



433DF7



6B5F00

# Square

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



433DF7



DD0000



007200



007EC0

# Rectangle

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



433DF7



E60076



007200



007B48



# Sweetspot

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



433DF7



C6C4FF



3DF4F7



5D5C80



000000



808080



# Same Dimension

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



433DF7



2119FF



9D3DF7



6F6E7A



0600BA



02003B



# Inverse Universe

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



F73DF1



FF19F8



97F73D



7A6E7A



BA00B4

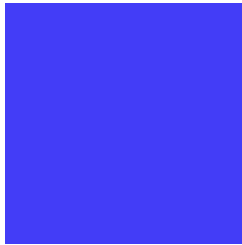


3B0039



# Previews

## White Background



This preview shows how the Hex color 433DF7 looks on a white background.

## Color Contrast Check

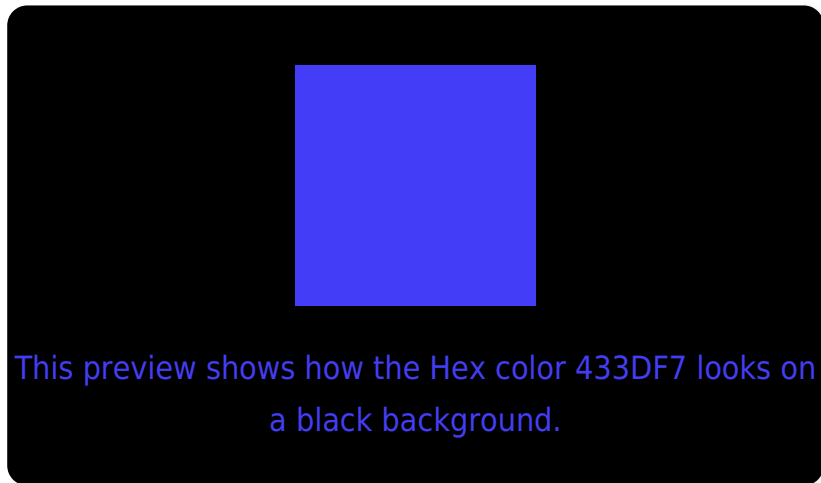
Large Text (above 18pt) WCAG AA ✓ Pass

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

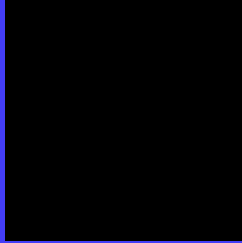
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433DF7 Background



This preview shows how black text looks on a background with the Hex color 433DF7.

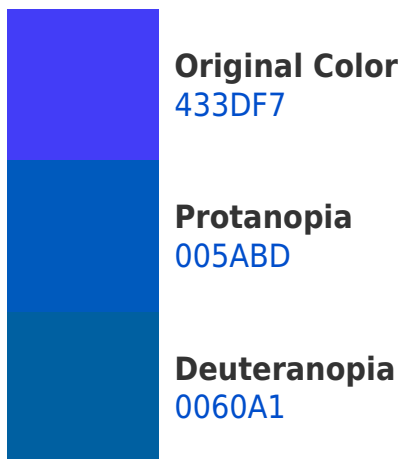


This preview shows how white text looks on a background with the Hex color 433DF7.

# Color Blindness Simulation

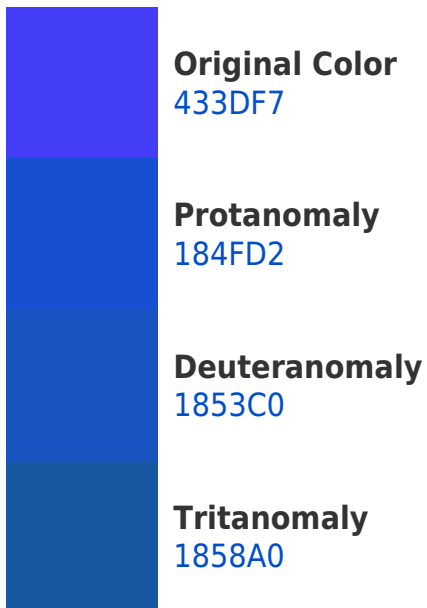
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433DF7 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 #433DF7 looks like.

```
.text, #text, p{  
    color:#433DF7  
}
```

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 #433DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433DF7
}
```

## Border

The CSS property to change the border of an element to Hex 433DF7 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
#433DF7 }
```

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

```
.border{ border-color:#433DF7 }
```

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

Here you see how a box with a 4 pixel #433DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433DF7; -webkit-box-shadow:4px 4px  
4px 4px #433DF7; box-shadow:4px 4px 4px  
4px #433DF7 }
```

# Background

The CSS property to change the background color of an element to Hex 433DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433DF7 }
```

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

```
.background{ background-color:#433DF7 }
```

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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