

# Converting Colors

Hex(4270FC)

Have a look what the booklet for  
Hex(4270FC) contains.

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# Color

Hex(4270FC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4270FC
RGB	66, 112, 252
RGB Percent	26%, 44%, 99%
CMY	0.7412, 0.5608, 0.0118
CMYK	0.74, 0.56, 0.00, 0.01
HSL	225°, 97%, 62%
HSV	225°, 74%, 99%
XYZ	25.6116, 19.7749, 94.5625
YIQ	114.2060, -72.3560, 33.7880

# Conversions

## Conversions Part 2

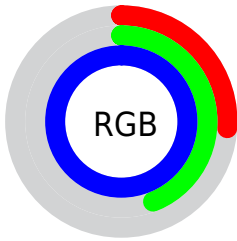
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 103, 252
Decimal	4354300
CIE Lab	51.58, 31.65, -74.30
CIE LCh	52, 80.757, 293.074
Yxy	19.7749, 0.1830, 0.1413
Android (android.graphics.Color)	4282544380 (0xFF4270FC)
YUV	114.2060, 67.9324, -42.2767
Hunter-Lab	44.4689, 24.9854, -94.9510

# Details

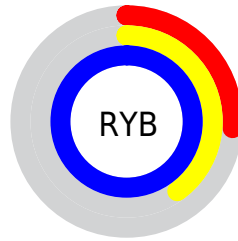
The Hex color `4270FC` is a dark color, and the websafe version is hex `3366FF`. The color can be described as middle washed azure. A complement of this color would be `FCCE42`, and the grayscale version is `727272`.

A 20% lighter version of the original color is `89A3FF`, and `0041C2` is the 20% darker color. If you saturate the color by 10%, you get `295DFC`, and if you desaturate by 10%, it is `5B83FC`.

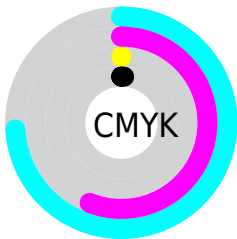
# Distribution



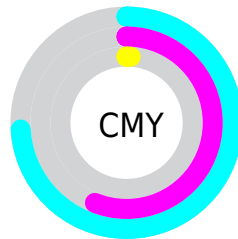
- Red (26%)
- Green (44%)
- Blue (99%)



- Red (26%)
- Yellow (40%)
- Blue (99%)



- Cyan (74%)
- Magenta (56%)
- Yellow (0%)
- Black (1%)



- Cyan (74%)
- Magenta (56%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4270FC 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 4270FC by changing the saturation by 10% instead.



■ 4270FC

FFFFFF

■ 89A3FF

■ A9BEFF

■ C8DAFF

■ E8F6FF

■ 4270FC

■ 0058DF

■ 0041C2

■ 002CA6

■ 001A8B

■ 000271

■ 000C57

■ 00063F

■ 000328

■ 000112

■ 4270FC

■ 4270FC

■ 295DFC

■ 5B83FC

■ 104AFC

■ 7496FC

■ 003EFC

■ 8EA9FC

■ A7BCFC

■ C0CFFC

■ D9E2FC

■ F2F5FC

FFFFFC

# Harmonies

## Analogous

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



0089FF



4270FC



BC48CF

# Triad

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



4270FC



D35100



009768

# Complementary

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



4270FC



FCCE42

# 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.



009219



4270FC



A37300

# Square

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



4270FC



EE204A



628700



0098B0

# Rectangle

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



4270FC



E024A5



628700



009650



# Sweetspot

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



4270FC



C7D5FF



42FCCE



5E6780



000000



808080



# Same Dimension

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



4270FC



1C54FF



7142FC



70747D



002FBD



000F3D



# Inverse Universe

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



FC4270



FF1C54



CEFC42



7D7074



BD002F



3D000F



# Previews

## White Background



This preview shows how the Hex color 4270FC looks on a white background.

## Color Contrast Check

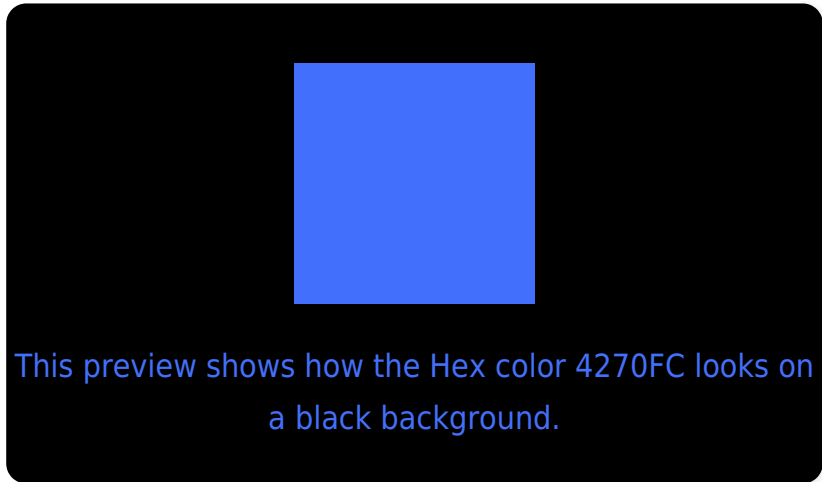
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

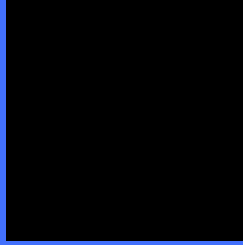
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4270FC Background



This preview shows how black text looks on a background with the Hex color 4270FC.

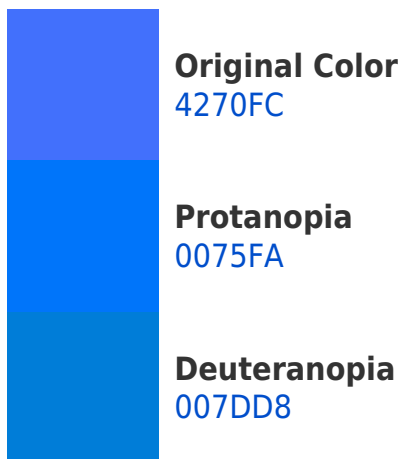


This preview shows how white text looks on a background with the Hex color 4270FC.

# 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](#).

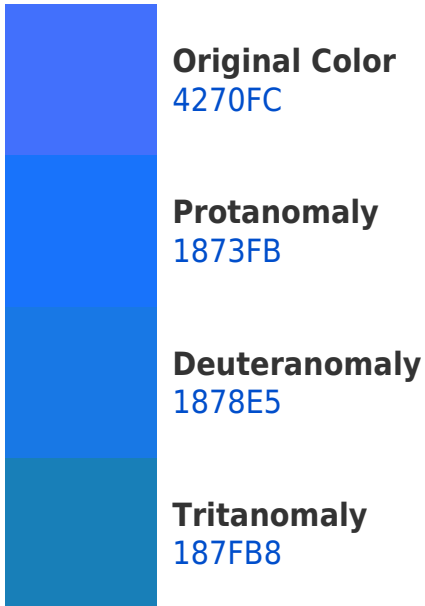
## Dichromacy





**Tritanopia**  
008891

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4270FC 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 #4270FC looks like.

```
.text, #text, p{  
    color:#4270FC  
}
```

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 #4270FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4270FC
}
```

## Border

The CSS property to change the border of an element to Hex 4270FC 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
#4270FC }
```

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

```
.border{ border-color:#4270FC }
```

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

Here you see how a box with a 4 pixel #4270FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4270FC; -webkit-box-shadow:4px 4px  
4px 4px #4270FC; box-shadow:4px 4px 4px  
4px #4270FC }
```

# Background

The CSS property to change the background color of an element to Hex 4270FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4270FC }
```

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

```
.background{ background-color:#4270FC }
```

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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