

Converting Colors

Hex(474CEB)

Have a look what the booklet for
Hex(474CEB) contains.

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Color

Hex(474CEB)

Conversions

Conversions Part 1

Format	Color
Hex	474CEB
RGB	71, 76, 235
RGB Percent	28%, 30%, 92%
CMY	0.7216, 0.7020, 0.0784
CMYK	0.70, 0.68, 0.00, 0.08
HSL	238°, 80%, 60%
HSV	238°, 70%, 92%
XYZ	20.1784, 12.5066, 79.9478
YIQ	92.6310, -54.0190, 48.3890

Conversions

Conversions Part 2

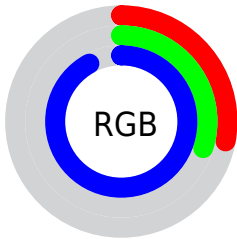
Format	Color
R_{YB}	71, 76, 235
Decimal	4672747
CIE _{Lab}	42.01, 48.23, -80.41
CIE _{LCh}	42, 93.770, 300.955
Yxy	12.5066, 0.1792, 0.1110
Android (android.graphics.Color)	4282862827 (0xFF474CEB)
YUV	92.6310, 70.1879, -18.9704
Hunter-Lab	35.3647, 39.9601, -109.2795

Details

The Hex color **474CEB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **EBE647**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8B7EFF**, and **001EB2** is the 20% darker color. If you saturate the color by 10%, you get **3035EB**, and if you desaturate by 10%, it is **5E63EB**.

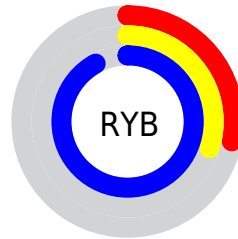
Distribution



Red (28%)

Green (30%)

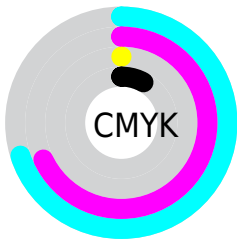
Blue (92%)



Red (28%)

Yellow (30%)

Blue (92%)

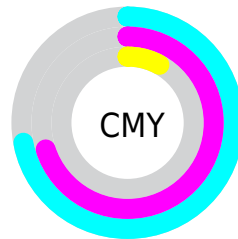


Cyan (70%)

Magenta (68%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (70%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Hex color 474CEB 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 474CEB by changing the saturation by 10% instead.

 474CEB

 474CEB

FFFFFF

 1135CE

 8B7EFF

 001EB2

 AB98FF

 000A96

 CAB3FF

 00007B

 E9CFFF

 000561

 FFE8FF

 000848

 000431

 00011B

 000000

 474CEB

 474CEB

 3035EB

 5E63EB

 181EEB

 767AEB

 0008EB

 8D90EB

 0007EB

 A5A7EB

 BCBEEB

 D4D5EB

 ECEBEB

 FFFFEB

Harmonies

Analogous

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



006FFF



474CEB



BC00B0

Triad

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



474CEB



B23B00



007F64

Complementary

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



474CEB



EBE647

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.



007C00



474CEB



776200

Square

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



474CEB



D80019



1A7400



0080B2

Rectangle

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



474CEB



D9007E



1A7400



007E48

Sweetspot

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



474CEB



C9CBFF



47EBE6



606180



000000



808080

Same Dimension

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



474CEB



292FFF



9447EB



6A6A75



0006B5



000236

Inverse Universe

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



EB474C



FF292F



9EEB47



756A6A



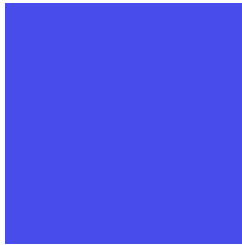
B50006



360002

Previews

White Background



This preview shows how the Hex color 474CEB looks on a white background.

Color Contrast Check

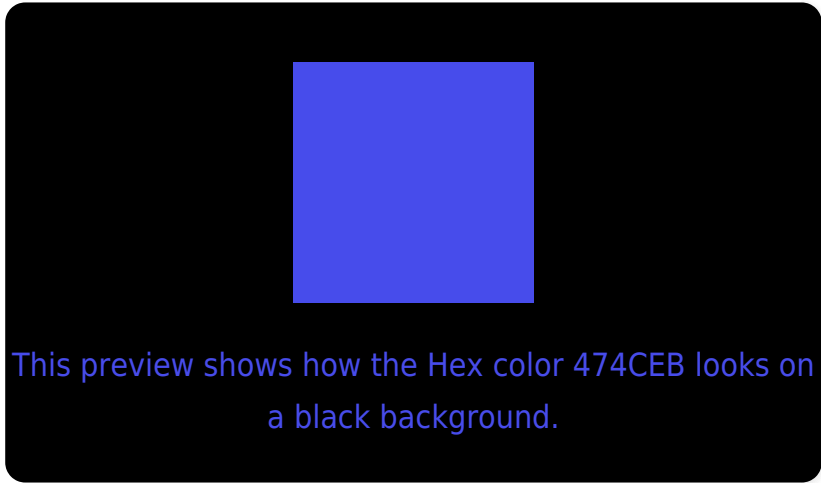
Large Text (above 18pt) WCAG AA ✓ Pass

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

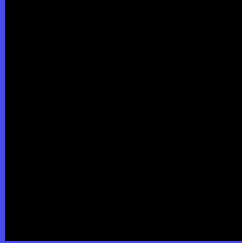
Any Text WCAG AA × Fail

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 474CEB Background



This preview shows how black text looks on a background with the Hex color 474CEB.

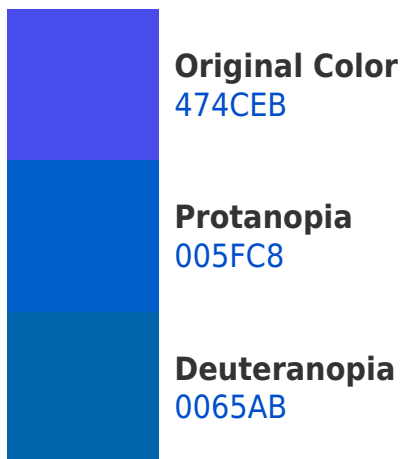


This preview shows how white text looks on a background with the Hex color 474CEB.

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
006D75

Trichromacy



Original Color
474CEB

Protanomaly
1A58D5

Deuteranomaly
1A5CC2

Tritanomaly
1A61A0

Monochromacy



Original Color
474CEB

Achromatopsia
5D5D5D

Achromatomaly
555791

CSS Examples

Text

The CSS property to change the color of the text to Hex 474CEB 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 #474CEB looks like.

```
.text, #text, p{  
    color:#474CEB  
}
```

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 #474CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474CEB
}
```

Border

The CSS property to change the border of an element to Hex 474CEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

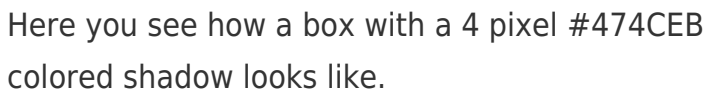
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474CEB }
```

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

```
.border{ border-color:#474CEB }
```

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



Here you see how a box with a 4 pixel #474CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474CEB; -webkit-box-shadow:4px 4px  
4px 4px #474CEB; box-shadow:4px 4px 4px  
4px #474CEB }
```

Background

The CSS property to change the background color of an element to Hex 474CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474CEB }
```

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

```
.background{ background-color:#474CEB }
```

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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