

Converting Colors

Hex(414BD3)

Have a look what the booklet for
Hex(414BD3) contains.

Hex(414BD3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(414BD3)

Conversions

Conversions Part 1

Format	Color
Hex	414BD3
RGB	65, 75, 211
RGB Percent	25%, 29%, 83%
CMY	0.7451, 0.7059, 0.1725
CMYK	0.69, 0.64, 0.00, 0.17
HSL	236°, 62%, 54%
HSV	236°, 69%, 83%
XYZ	16.4539, 10.8591, 62.8568
YIQ	87.5140, -49.6160, 40.1760

Conversions

Conversions Part 2

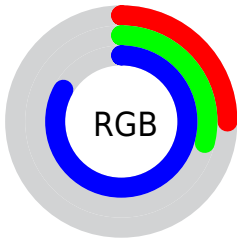
Format	Color
RYB	65, 74, 211
Decimal	4279251
CIELab	39.34, 40.12, -71.11
CIELCh	39, 81.650, 299.430
Yxy	10.8591, 0.1825, 0.1204
Android (android.graphics.Color)	4282469331 (0xFF414BD3)
YUV	87.5140, 60.8786, -19.7448
Hunter-Lab	32.9532, 31.4592, -90.0260

Details

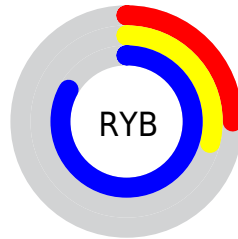
The Hex color **414BD3** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D3C941**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **827CFF**, and **001F9B** is the 20% darker color. If you saturate the color by 10%, you get **2C37D3**, and if you desaturate by 10%, it is **565FD3**.

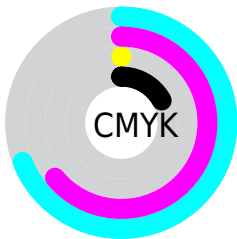
Distribution



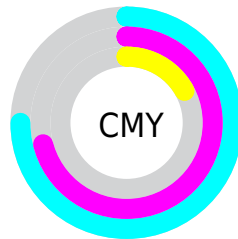
- Red (25%)
- Green (29%)
- Blue (83%)



- Red (25%)
- Yellow (29%)
- Blue (83%)



- Cyan (69%)
- Magenta (64%)
- Yellow (0%)
- Black (17%)



- Cyan (75%)
- Magenta (71%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414BD3 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 414BD3 by changing the saturation by 10% instead.

■ 414BD3

■ 414BD3

FFFFFF

■ 0E34B7

■ 827CFF

■ 001F9B

■ A196FF

■ 000C80

■ BFB1FF

■ 000066

■ DECCFF

■ 000A4D

■ FCE9FF

■ 000535

■ 00021F

■ 000002

■ 000000

■ 414BD3

■ 414BD3

■ 2C37D3

■ 565FD3

■ 1724D3

■ 6B72D3

■ 0210D3

■ 8086D3

■ 000ED3

■ 959AD3

■ ABADD3

■ C0C1D3

■ D5D5D3

■ EAE8D3

■ FFFCD3

Harmonies

Analogous

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



0067E5



414BD3



A704A2

Triad

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



414BD3



A53A00



00765A

Complementary

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



414BD3



D3C941

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.



007208



414BD3



735A00

Square

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



414BD3



C40020



2C6B00



00779D

Rectangle

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



414BD3



C20077



2C6B00



007542

Sweetspot

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



414BD3



C9CDFF



41D3C7



606280



000000



808080

Same Dimension

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



414BD3



2B3AFF



7E41D3



5E5F69



000CA8



000329

Inverse Universe

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



D3414B



FF2B3A



96D341



695E5F



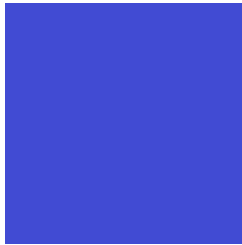
A8000C



290003

Previews

White Background



This preview shows how the Hex color 414BD3 looks on a white background.

Color Contrast Check

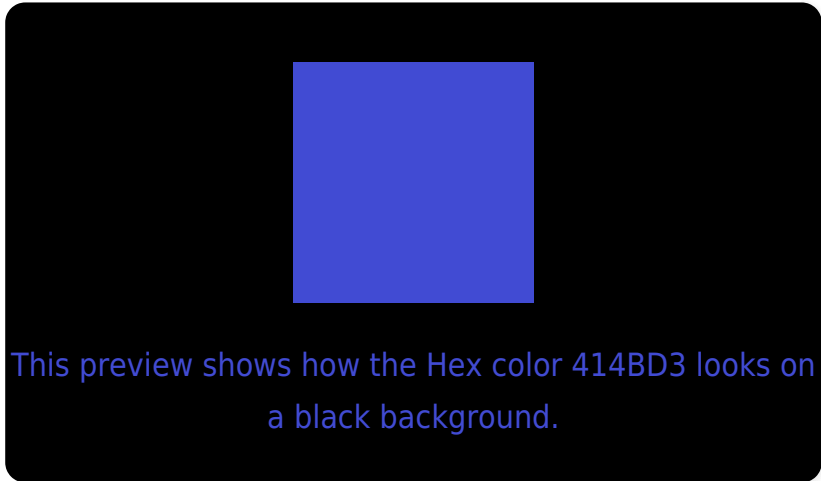
Large Text (above 18pt) WCAG AA ✓ Pass

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

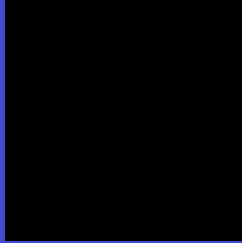
Any Text WCAG AA × Fail

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 414BD3 Background



This preview shows how black text looks on a background with the Hex color 414BD3.

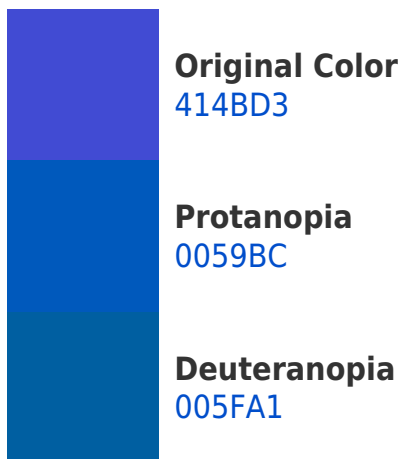


This preview shows how white text looks on a background with the Hex color 414BD3.

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](#).

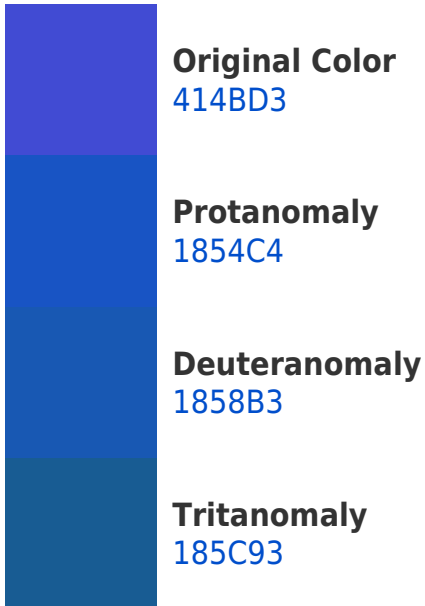
Dichromacy





Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 414BD3 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 #414BD3 looks like.

```
.text, #text, p{  
    color:#414BD3  
}
```

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 #414BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414BD3
}
```

Border

The CSS property to change the border of an element to Hex 414BD3 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
#414BD3 }
```

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

```
.border{ border-color:#414BD3 }
```

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

Here you see how a box with a 4 pixel #414BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414BD3; -webkit-box-shadow:4px 4px  
4px 4px #414BD3; box-shadow:4px 4px 4px  
4px #414BD3 }
```

Background

The CSS property to change the background color of an element to Hex 414BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414BD3 }
```

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

```
.background{ background-color:#414BD3 }
```

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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