

Converting Colors

Hex(424FBD)

Have a look what the booklet for
Hex(424FBD) contains.

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Color

Hex(424FBD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 424FBD |
| RGB | 66, 79, 189 |
| RGB Percent | 26%, 31%, 74% |
| CMY | 0.7412, 0.6902, 0.2588 |
| CMYK | 0.65, 0.58, 0.00, 0.26 |
| HSL | 234°, 48%, 50% |
| HSV | 234°, 65%, 74% |
| XYZ | 14.2281, 10.4243, 49.4063 |
| YIQ | 87.6530, -43.0580, 31.4540 |

Conversions

Conversions Part 2

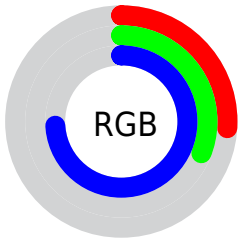
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 66, 78, 189 |
| Decimal | 4345789 |
| CIE _{Lab} | 38.59, 30.17, -59.56 |
| CIE _{LCh} | 39, 66.765, 296.862 |
| Yxy | 10.4243, 0.1921, 0.1408 |
| Android (android.graphics.Color) | 4282535869 (0xFF424FBD) |
| YUV | 87.6530, 49.9641, -18.9897 |
| Hunter-Lab | 32.2867, 22.1592, -68.1269 |

Details

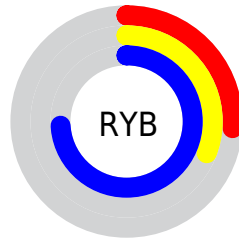
The Hex color **424FBD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDB042**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F80F6**, and **002387** is the 20% darker color. If you saturate the color by 10%, you get **2F3EBD**, and if you desaturate by 10%, it is **5560BD**.

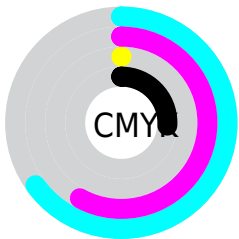
Distribution



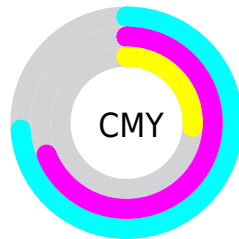
- Red (26%)
- Green (31%)
- Blue (74%)



- Red (26%)
- Yellow (31%)
- Blue (74%)



- Cyan (65%)
- Magenta (58%)
- Yellow (0%)
- Black (26%)



- Cyan (74%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424FBD 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 424FBD by changing the saturation by 10% instead.

■ 424FBD

■ 424FBD

FFFFFF

■ 1B38A1

■ 7F80F6

■ 002387

■ 9C9AFF

■ 00106D

■ B9B5FF

■ 000054

■ D7D0FF

■ 00063B

■ F5EDFF

■ 000225

■ 00010D

■ 000000

■ 424FBD

■ 424FBD

■ 2F3EBD

■ 5560BD

■ 1C2DBD

■ 6871BD

■ 091CBD

■ 7B82BD

■ 0014BD

■ 8E93BD

■ A1A4BD

■ B3B4BD

■ C6C5BD

■ D9D6BD

■ ECE7BD

Harmonies

Analogous

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



0064C9



424FBD



942D97

Triad

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



424FBD



9C3E00



007153

Complementary

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



424FBD



BDB042

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.



006D17



424FBD



745700

Square

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



424FBD



B4162E



3F6600



00718B

Rectangle

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



424FBD



AD0B75



3F6600



007040

Sweetspot

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



424FBD



C4C9F5



42BDAF



5D607A



FAFAFA



7A7A7A

Same Dimension

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



424FBD



364AF5



7142BD



55565E



00119E



00031F

Inverse Universe

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



BD424F



F5364A



8EBD42



5E5556



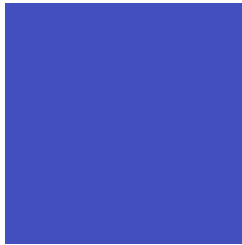
9E0011



1F0003

Previews

White Background



This preview shows how the Hex color 424FBD looks on a white background.

Color Contrast Check

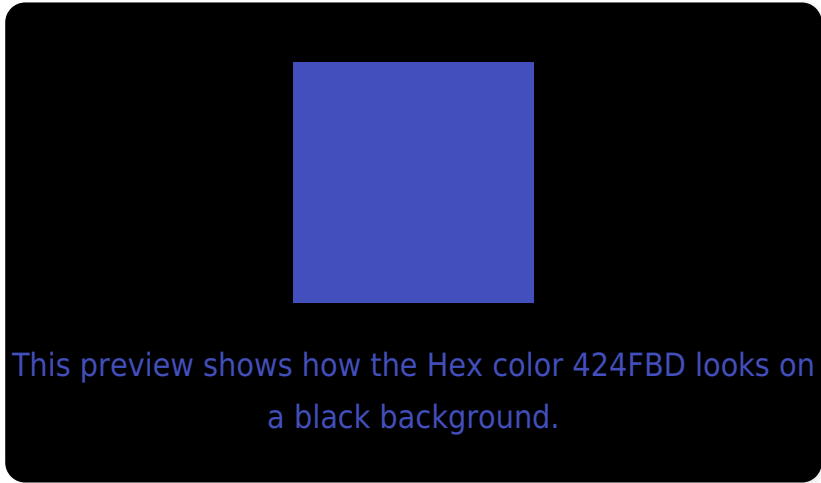
Large Text (above 18pt) WCAG AA ✓ Pass

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

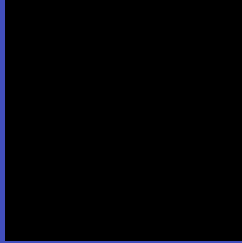
Any Text WCAG AA × Fail

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 424FBD Background



This preview shows how black text looks on a background with the Hex color 424FBD.

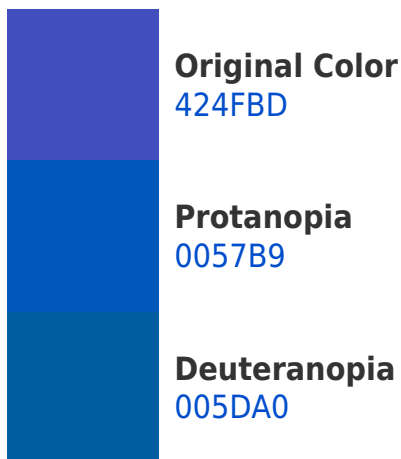


This preview shows how white text looks on a background with the Hex color 424FBD.

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](#).

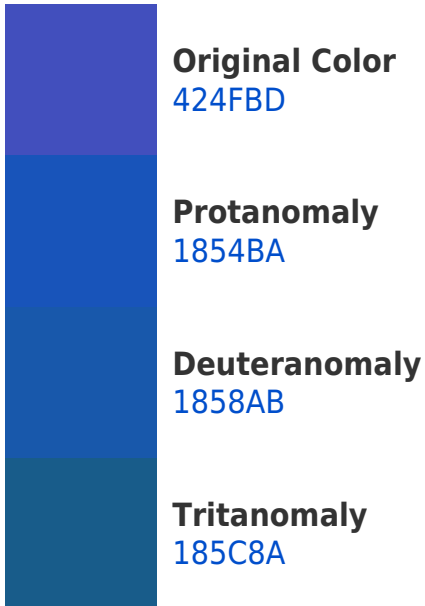
Dichromacy



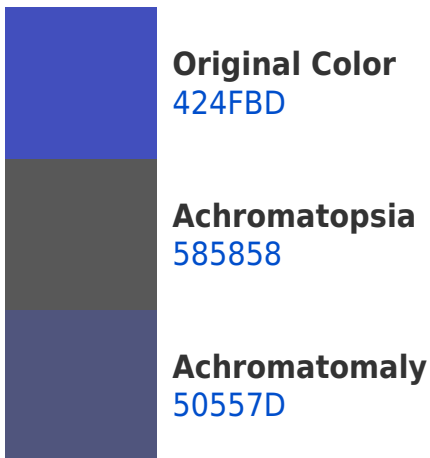


Tritanopia
00646D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 424FBD 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 #424FBD looks like.

```
.text, #text, p{  
    color:#424FBD  
}
```

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 #424FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424FBD
}
```

Border

The CSS property to change the border of an element to Hex 424FBD 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
#424FBD }
```

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

```
.border{ border-color:#424FBD }
```

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

Here you see how a box with a 4 pixel #424FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424FBD; -webkit-box-shadow:4px 4px  
4px 4px #424FBD; box-shadow:4px 4px 4px  
4px #424FBD }
```

Background

The CSS property to change the background color of an element to Hex 424FBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424FBD }
```

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

```
.background{ background-color:#424FBD }
```

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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