

Converting Colors

Hex(4A7FB5)

Have a look what the booklet for
Hex(4A7FB5) contains.

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Color

Hex(4A7FB5)

Conversions

Conversions Part 1

Format	Color
Hex	4A7FB5
RGB	74, 127, 181
RGB Percent	29%, 50%, 71%
CMY	0.7098, 0.5020, 0.2902
CMYK	0.59, 0.30, 0.00, 0.29
HSL	210°, 42%, 50%
HSV	210°, 59%, 71%
XYZ	18.7539, 19.9708, 46.5824
YIQ	117.3090, -48.9220, 5.5580

Conversions

Conversions Part 2

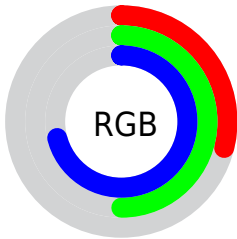
Format	Color
R_{YB}	74, 109, 181
Decimal	4882357
CIE _{Lab}	51.80, -1.17, -33.80
CIE _{LCh}	52, 33.818, 268.011
Yxy	19.9708, 0.2198, 0.2341
Android (android.graphics.Color)	4283072437 (0xFF4A7FB5)
YUV	117.3090, 31.3997, -37.9820
Hunter-Lab	44.6887, -3.2965, -30.5203

Details

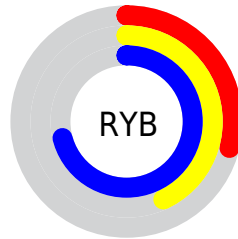
The Hex color **4A7FB5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B5804A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **83B4ED**, and **004E80** is the 20% darker color. If you saturate the color by 10%, you get **3876B5**, and if you desaturate by 10%, it is **5C88B5**.

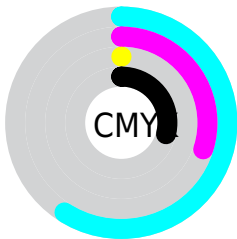
Distribution



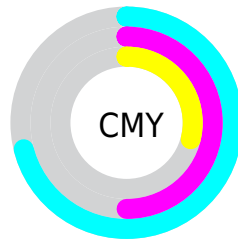
- Red (29%)
- Green (50%)
- Blue (71%)



- Red (29%)
- Yellow (43%)
- Blue (71%)



- Cyan (59%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7FB5 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 4A7FB5 by changing the saturation by 10% instead.

■ 4A7FB5

■ 4A7FB5

FFFFFF

■ 2B669A

■ 83B4ED

■ 004E80

■ 9FCFFF

■ 003866

■ BCEBFF

■ 00234E

■ D9FFFF

■ 000C37

■ F6FFFF

■ 000221

■ 000006

■ 000000

■ 4A7FB5

■ 4A7FB5

■ 3876B5

■ 5C88B5

■ 266DB5

■ 6E91B5

■ 1464B5

■ 809AB5

■ 025AB5

■ 92A4B5

■ 005AB5

■ A5ADB5

■ B7B6B5

■ C9BFB5

■ DBC8B5

■ EDD1B5

Harmonies

Analogous

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



0086AC



4A7FB5



7B75AF

Triad

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



4A7FB5



B26662



4F885C

Complementary

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



4A7FB5



B5804A

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.



728247



4A7FB5



A66F4B

Square

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



4A7FB5



B0647F



8F7941



1E8B79

Rectangle

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



4A7FB5



946DA2



8F7941



5B8654

Sweetspot

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



4A7FB5



C0D5EB



4AB580



5B6875



F5F5F5



757575

Same Dimension

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



4A7FB5



4497EB



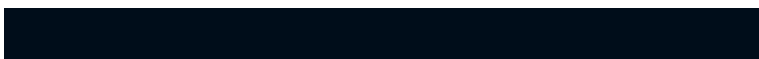
4A4AB5



505559



004C99



000D1A

Inverse Universe

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



B54A7F



EB4497



B5B54A



595055



99004C



1A000D

Previews

White Background



This preview shows how the Hex color 4A7FB5 looks on a white background.

Color Contrast Check

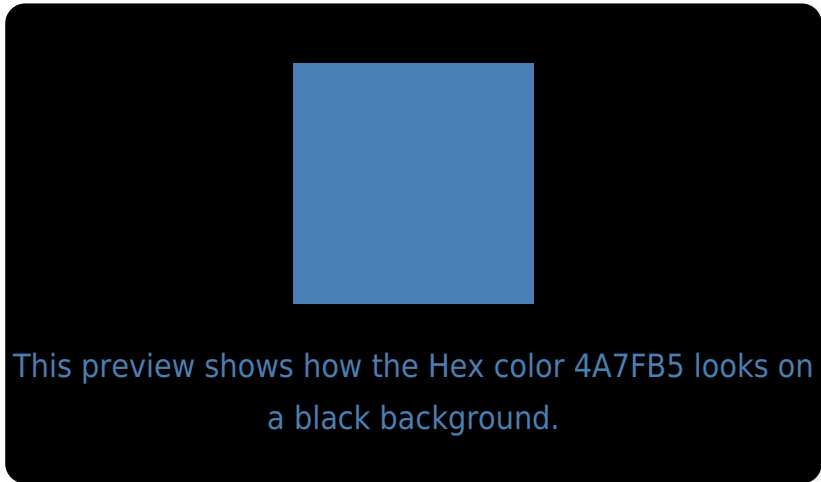
Large Text (above 18pt) WCAG AA ✓ Pass

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

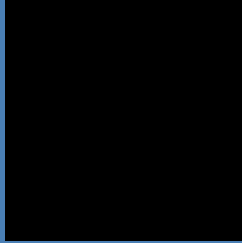
Any Text WCAG AA ✓ Pass

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 4A7FB5 Background



This preview shows how black text looks on a background with the Hex color 4A7FB5.

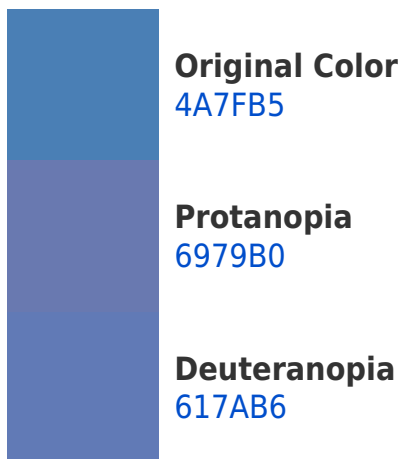



This preview shows how white text looks on a background with the Hex color 4A7FB5.

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](#).

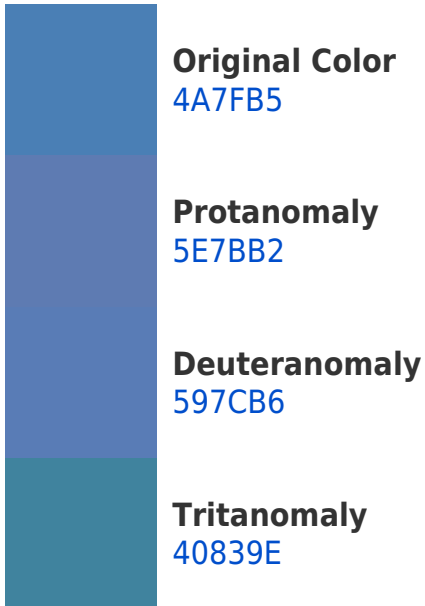
Dichromacy



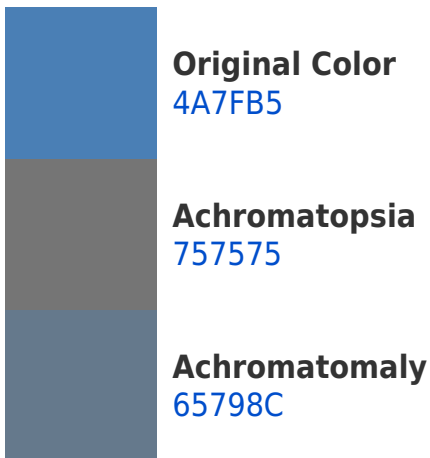


Tritanopia
3A8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7FB5 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 #4A7FB5 looks like.

```
.text, #text, p{  
    color:#4A7FB5  
}
```

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 #4A7FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7FB5
}
```

Border

The CSS property to change the border of an element to Hex 4A7FB5 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
#4A7FB5 }
```

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

```
.border{ border-color:#4A7FB5 }
```

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

Here you see how a box with a 4 pixel #4A7FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7FB5; -webkit-box-shadow:4px 4px  
4px 4px #4A7FB5; box-shadow:4px 4px 4px  
4px #4A7FB5 }
```

Background

The CSS property to change the background color of an element to Hex 4A7FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7FB5 }
```

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

```
.background{ background-color:#4A7FB5 }
```

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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