

Converting Colors

Hex(4A7FB0)

Have a look what the booklet for
Hex(4A7FB0) contains.

Hex(4A7FB0)	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(4A7FB0)

Conversions

Conversions Part 1

Format	Color
Hex	4A7FB0
RGB	74, 127, 176
RGB Percent	29%, 50%, 69%
CMY	0.7098, 0.5020, 0.3098
CMYK	0.58, 0.28, 0.00, 0.31
HSL	209°, 41%, 49%
HSV	209°, 58%, 69%
XYZ	18.2499, 19.7692, 43.9283
YIQ	116.7390, -47.3170, 4.0030

Conversions

Conversions Part 2

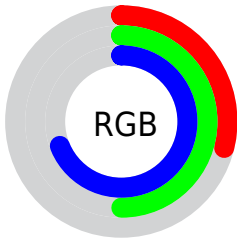
Format	Color
RYB	74, 109, 176
Decimal	4882352
CIELab	51.58, -2.82, -31.27
CIElCh	52, 31.401, 264.851
Yxy	19.7692, 0.2227, 0.2412
Android (android.graphics.Color)	4283072432 (0xFF4A7FB0)
YUV	116.7390, 29.2157, -37.4821
Hunter-Lab	44.4625, -4.5432, -27.4538

Details

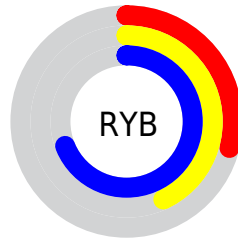
The Hex color **4A7FB0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B07B4A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **82B4E8**, and **004E7B** is the 20% darker color. If you saturate the color by 10%, you get **3877B0**, and if you desaturate by 10%, it is **5C87B0**.

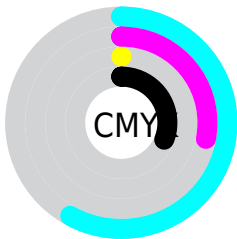
Distribution



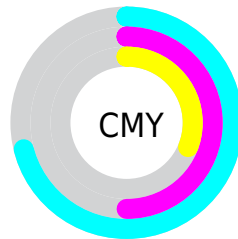
- Red (29%)
- Green (50%)
- Blue (69%)



- Red (29%)
- Yellow (43%)
- Blue (69%)



- Cyan (58%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7FB0 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 4A7FB0 by changing the saturation by 10% instead.

■ 4A7FB0

■ 4A7FB0

FFFFFF

■ 2C6695

■ 82B4E8

■ 004E7B

■ 9ECFFF

■ 003862

■ BBEBFF

■ 00234A

■ D8FFFF

■ 000C33

■ F5FFFF

■ 00021D

■ 000000

■ 4A7FB0

■ 4A7FB0

■ 3877B0

■ 5C87B0

■ 276EB0

■ 6D90B0

■ 1566B0

■ 7F98B0

■ 045DB0

■ 90A1B0

■ 005BB0

■ A2A9B0

■ B4B2B0

■ C5BAB0

■ D7C3B0

■ E8CBB0

Harmonies

Analogous

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



0B86A6



4A7FB0



7776AC

Triad

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



4A7FB0



AF6766



56865B

Complementary

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



4A7FB0



B07B4A

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.



768049



4A7FB0



A56E50

Square

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



4A7FB0



AB6681



907845



308975

Rectangle

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



4A7FB0



8F6FA1



907845



618454

Sweetspot

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



4A7FB0



BED3E6



4AB07A



5C6873



F2F2F2



737373

Same Dimension

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



4A7FB0



4598E6



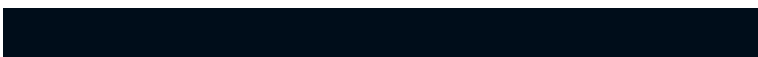
4A4DB0



505559



005099



000D1A

Inverse Universe

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



B04A7F



E64598



B0AD4A



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 4A7FB0 looks on a white background.

Color Contrast Check

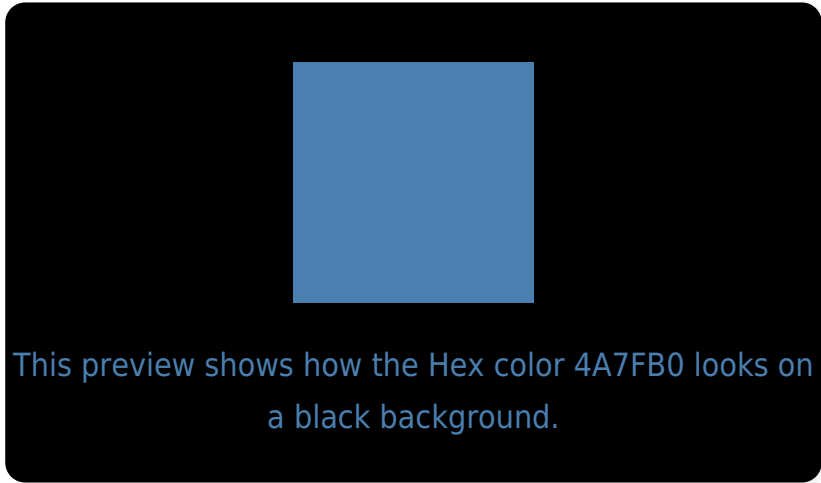
Large Text (above 18pt) WCAG AA ✓ Pass

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

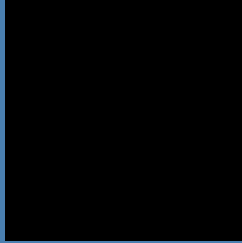
Any Text WCAG AA ✓ Pass

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 4A7FB0 Background



This preview shows how black text looks on a background with the Hex color 4A7FB0.

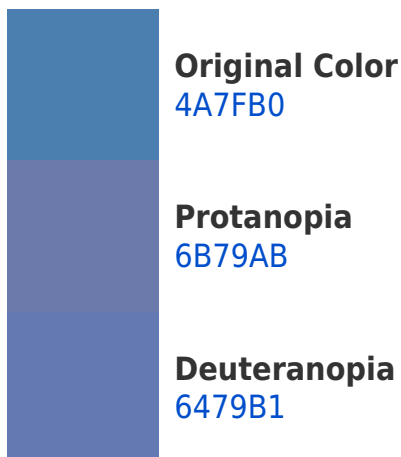


This preview shows how white text looks on a background with the Hex color 4A7FB0.

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](#).

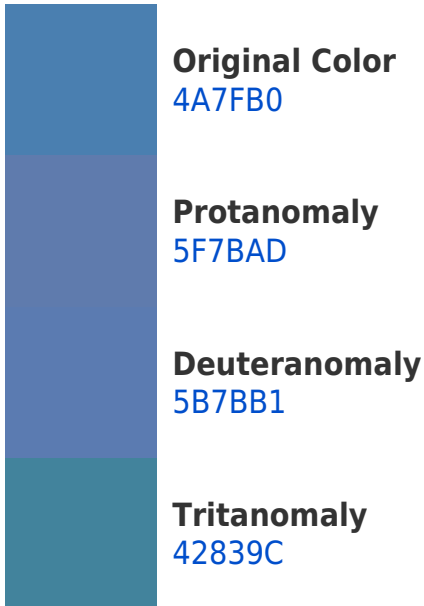
Dichromacy



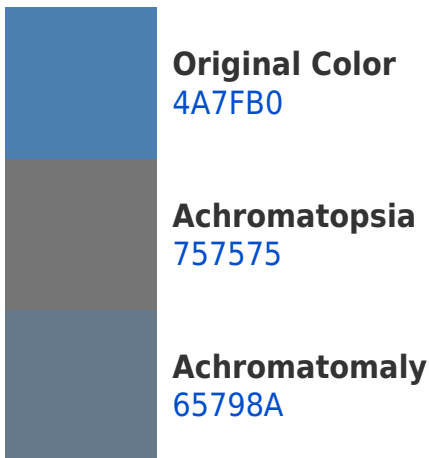


Tritanopia
3D8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7FB0 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 #4A7FB0 looks like.

```
.text, #text, p{  
    color:#4A7FB0  
}
```

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 #4A7FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7FB0  
}
```

Border

The CSS property to change the border of an element to Hex 4A7FB0 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  
#4A7FB0 }
```

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

```
.border{ border-color:#4A7FB0 }
```

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

Here you see how a box with a 4 pixel #4A7FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7FB0; -webkit-box-shadow:4px 4px  
4px 4px #4A7FB0; box-shadow:4px 4px 4px  
4px #4A7FB0 }
```

Background

The CSS property to change the background color of an element to Hex 4A7FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7FB0 }
```

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

```
.background{ background-color:#4A7FB0 }
```

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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