

Converting Colors

Hex(4B7EB5)

Have a look what the booklet for
Hex(4B7EB5) contains.

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Color

Hex(4B7EB5)

Conversions

Conversions Part 1

Format	Color
Hex	4B7EB5
RGB	75, 126, 181
RGB Percent	29%, 49%, 71%
CMY	0.7059, 0.5059, 0.2902
CMYK	0.59, 0.30, 0.00, 0.29
HSL	211°, 42%, 50%
HSV	211°, 59%, 71%
XYZ	18.7030, 19.7538, 46.5432
YIQ	117.0210, -48.0510, 6.2930

Conversions

Conversions Part 2

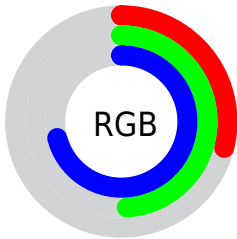
Format	Color
R_{YB}	75, 109, 181
Decimal	4947637
CIE _{Lab}	51.56, -0.37, -34.18
CIE _{LCh}	52, 34.182, 269.372
Yxy	19.7538, 0.2200, 0.2324
Android (android.graphics.Color)	4283137717 (0xFF4B7EB5)
YUV	117.0210, 31.5416, -36.8524
Hunter-Lab	44.4452, -2.6645, -30.9770

Details

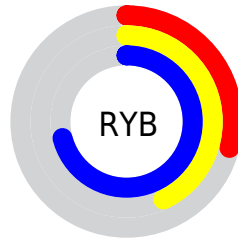
The Hex color **4B7EB5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B5824B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **84B2ED**, and **004D80** is the 20% darker color. If you saturate the color by 10%, you get **3975B5**, and if you desaturate by 10%, it is **5D87B5**.

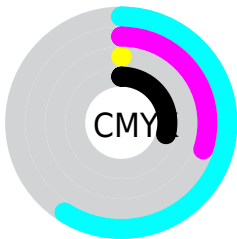
Distribution



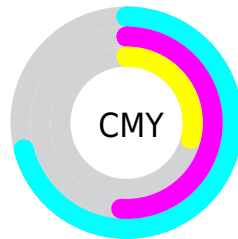
- Red (29%)
- Green (49%)
- Blue (71%)



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



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



- Cyan (71%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7EB5 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 4B7EB5 by changing the saturation by 10% instead.



4B7EB5



4B7EB5

FFFFFF



2C659A



84B2ED



004D80



A0CEFF



003766



BCEAFF



00224E



D9FFFF



000B37



F7FFFF



000221



000006



000000



4B7EB5



4B7EB5

■ 3975B5

■ 5D87B5

■ 276BB5

■ 6F91B5

■ 1562B5

■ 819AB5

■ 0358B5

■ 93A4B5

■ 0057B5

■ A6ADB5

■ B8B6B5

■ CAC0B5

■ DCC9B5

■ EED3B5

Harmonies

Analogous

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



0086AC



4B7EB5



7D73AE

Triad

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



4B7EB5



B26660



4C875C

Complementary

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



4B7EB5



B5824B

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.



708247



4B7EB5



A56F49

Square

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



4B7EB5



B0637D



8E793F



178A79

Rectangle

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



4B7EB5



956CA1



8E793F



598654

Sweetspot

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



4B7EB5



C0D5EB



4BB582



5B6875



F5F5F5



757575

Same Dimension

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



4B7EB5



4695EB



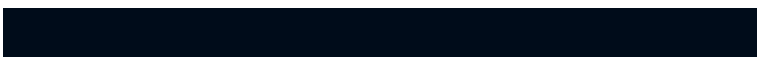
4D4BB5



505559



004A99



000C1A

Inverse Universe

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



B54B7E



EB4695



B3B54B



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 4B7EB5 looks on a white background.

Color Contrast Check

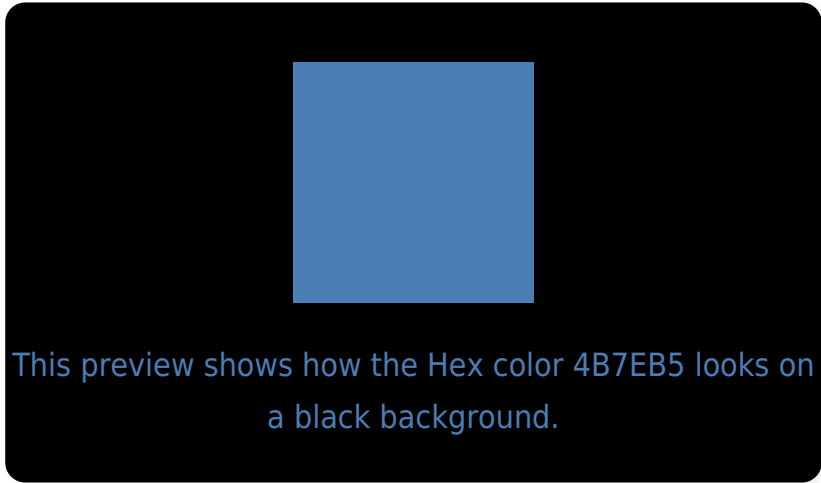
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B7EB5 Background



This preview shows how black text looks on a background with the Hex color 4B7EB5.

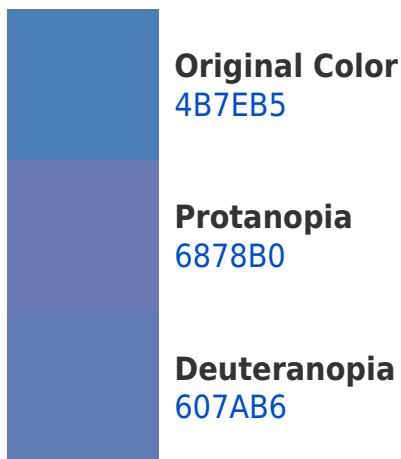


This preview shows how white text looks on a background with the Hex color 4B7EB5.

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](#).

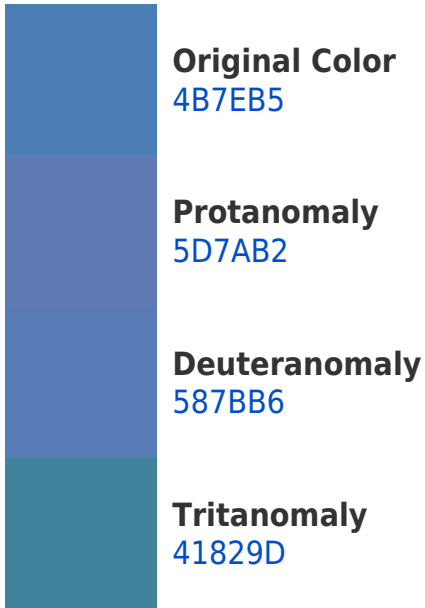
Dichromacy



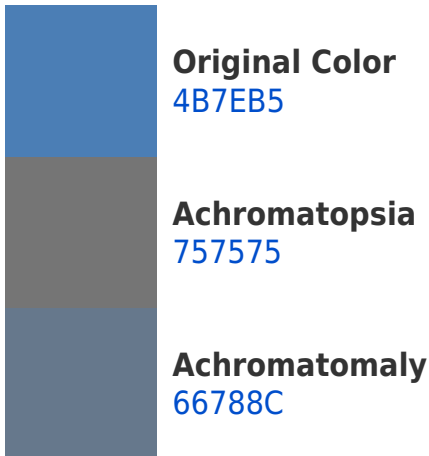


Tritanopia
3B8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7EB5 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 #4B7EB5 looks like.

```
.text, #text, p{  
    color:#4B7EB5  
}
```

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 #4B7EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7EB5
}
```

Border

The CSS property to change the border of an element to Hex 4B7EB5 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
#4B7EB5 }
```

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

```
.border{ border-color:#4B7EB5 }
```

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

Here you see how a box with a 4 pixel #4B7EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7EB5; -webkit-box-shadow:4px 4px  
4px 4px #4B7EB5; box-shadow:4px 4px 4px  
4px #4B7EB5 }
```

Background

The CSS property to change the background color of an element to Hex 4B7EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7EB5 }
```

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

```
.background{ background-color:#4B7EB5 }
```

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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