

Converting Colors

Hex(4B7EC6)

Have a look what the booklet for
Hex(4B7EC6) contains.

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Color

Hex(4B7EC6)

Conversions

Conversions Part 1

Format	Color
Hex	4B7EC6
RGB	75, 126, 198
RGB Percent	29%, 49%, 78%
CMY	0.7059, 0.5059, 0.2235
CMYK	0.62, 0.36, 0.00, 0.22
HSL	215°, 52%, 54%
HSV	215°, 62%, 78%
XYZ	20.5555, 20.4948, 56.2986
YIQ	118.9590, -53.5080, 11.5800

Conversions

Conversions Part 2

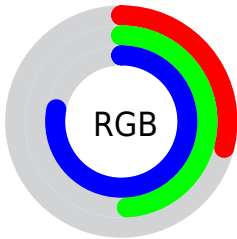
Format	Color
R _Y B	75, 111, 198
Decimal	4947654
CIE Lab	52.39, 5.33, -42.61
CIE LCh	52, 42.940, 277.131
Yxy	20.4948, 0.2112, 0.2105
Android (android.graphics.Color)	4283137734 (0xFF4B7EC6)
YUV	118.9590, 38.9672, -38.5520
Hunter-Lab	45.2712, 1.8241, -42.0424

Details

The Hex color **4B7EC6** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C6934B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **86B2FF**, and **004E90** is the 20% darker color. If you saturate the color by 10%, you get **3772C6**, and if you desaturate by 10%, it is **5F8AC6**.

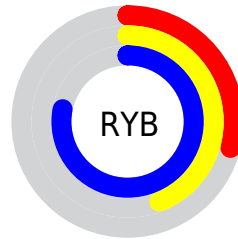
Distribution



Red (29%)

Green (49%)

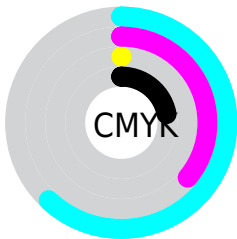
Blue (78%)



Red (29%)

Yellow (44%)

Blue (78%)

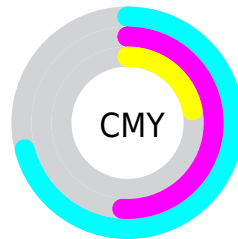


Cyan (62%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7EC6 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 4B7EC6 by changing the saturation by 10% instead.

■ 4B7EC6

■ 4B7EC6

FFFFFF

■ 2A65AA

■ 86B2FF

■ 004E90

■ A3CEFF

■ 003776

■ C0EAFF

■ 00235D

■ DDFFFF

■ 000C45

■ FBFFFF

■ 00032D

■ 000118

■ 000000

■ 4B7EC6

■ 4B7EC6

■ 3772C6

■ 5F8AC6

■ 2367C6

■ 7395C6

■ 105BC6

■ 86A1C6

■ 0052C6

■ 9AACC6

■ AEB8C6

■ C2C4C6

■ D6CFC6

■ E9DBC6

■ FDE6C6

Harmonies

Analogous

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



0088C0



4B7EC6



8B70B8

Triad

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



4B7EC6



BD6452



2B8D5F

Complementary

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



4B7EC6



C6934B

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.



638840



4B7EC6



A97138

Square

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



4B7EC6



C15D76



8A7E30



009085

Rectangle

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



4B7EC6



A766A5



8A7E30



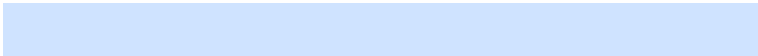
428C53

Sweetspot

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



4B7EC6



CFE3FF



4BC693



626E80



000000



808080

Same Dimension

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



4B7EC6



408FFF



554BC6



5A5E63



0044A3



000F24

Inverse Universe

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



C64B7E



FF408F



BCC64B



635A5E



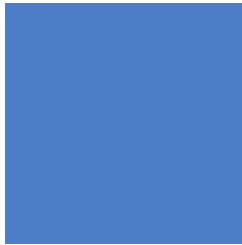
A30044



24000F

Previews

White Background



This preview shows how the Hex color 4B7EC6 looks on a white background.

Color Contrast Check

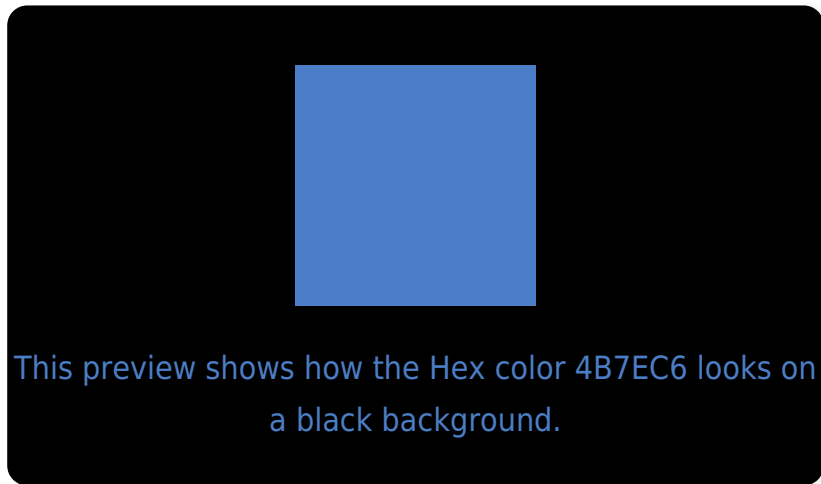
Large Text (above 18pt) WCAG AA ✓ Pass

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

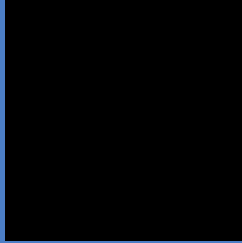
Any Text WCAG AA ✓ Pass

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 4B7EC6 Background



This preview shows how black text looks on a background with the Hex color 4B7EC6.

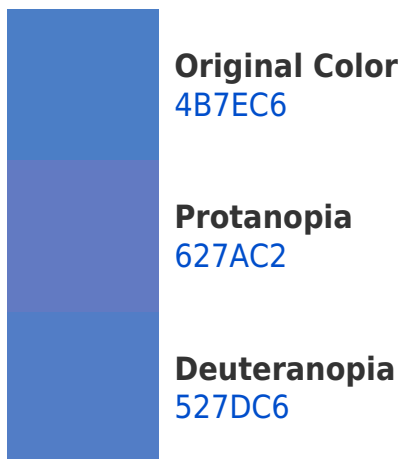


This preview shows how white text looks on a background with the Hex color 4B7EC6.

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](#).

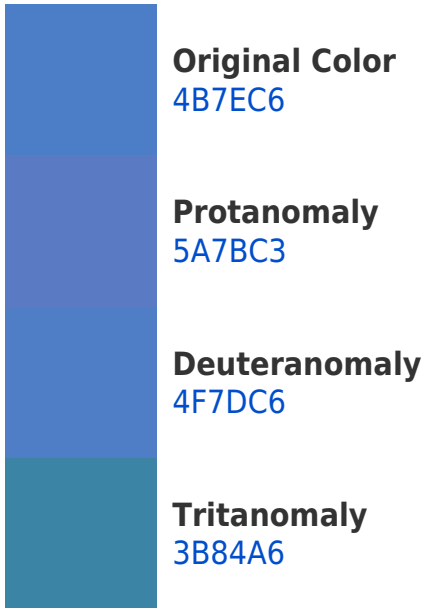
Dichromacy





Tritanopia
328893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7EC6 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 #4B7EC6 looks like.

```
.text, #text, p{  
    color:#4B7EC6  
}
```

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 #4B7EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7EC6  
}
```

Border

The CSS property to change the border of an element to Hex 4B7EC6 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  
#4B7EC6 }
```

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

```
.border{ border-color:#4B7EC6 }
```

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

Here you see how a box with a 4 pixel #4B7EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7EC6; -webkit-box-shadow:4px 4px  
4px 4px #4B7EC6; box-shadow:4px 4px 4px  
4px #4B7EC6 }
```

Background

The CSS property to change the background color of an element to Hex 4B7EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7EC6 }
```

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

```
.background{ background-color:#4B7EC6 }
```

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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