

Converting Colors

Hex(4B5EE7)

Have a look what the booklet for
Hex(4B5EE7) contains.

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Color

Hex(4B5EE7)

Conversions

Conversions Part 1

Format	Color
Hex	4B5EE7
RGB	75, 94, 231
RGB Percent	29%, 37%, 91%
CMY	0.7059, 0.6314, 0.0941
CMYK	0.68, 0.59, 0.00, 0.09
HSL	233°, 76%, 60%
HSV	233°, 68%, 91%
XYZ	21.3282, 15.2708, 77.4247
YIQ	103.9370, -55.3010, 38.5790

Conversions

Conversions Part 2

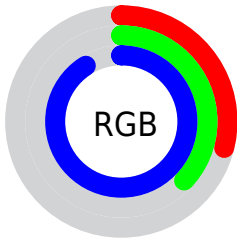
Format	Color
R_{YB}	75, 92, 231
Decimal	4939495
CIE _{Lab}	46.00, 36.58, -71.61
CIE _{LCh}	46, 80.415, 297.061
Yxy	15.2708, 0.1871, 0.1339
Android (android.graphics.Color)	4283129575 (0xFF4B5EE7)
YUV	103.9370, 62.6421, -25.3777
Hunter-Lab	39.0779, 29.0366, -90.1165

Details

The Hex color **4B5EE7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **E7D44B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8C90FF**, and **0030AE** is the 20% darker color. If you saturate the color by 10%, you get **344AE7**, and if you desaturate by 10%, it is **6272E7**.

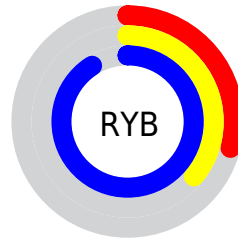
Distribution



Red (29%)

Green (37%)

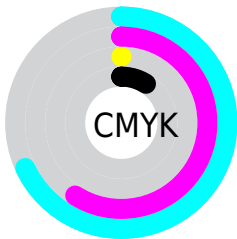
Blue (91%)



Red (29%)

Yellow (36%)

Blue (91%)

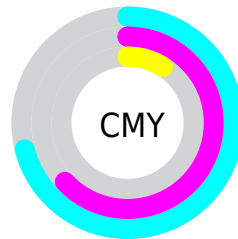


Cyan (68%)

Magenta (59%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (63%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5EE7 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 4B5EE7 by changing the saturation by 10% instead.

 4B5EE7

 4B5EE7

FFFFFF

 1F46CA

 8C90FF

 0030AE

 ABABFF

 001C93

 CAC6FF

 000A78

 E8E2FF

 00005F

 000846

 00042E

 000119

 000000

■ 4B5EE7

■ 4B5EE7

■ 344AE7

■ 6272E7

■ 1D35E7

■ 7987E7

■ 0621E7

■ 909BE7

■ 001CE7

■ A7AFE7

■ BFC3E7

■ D6D8E7

■ EDECE7

■ FFFFE7

Harmonies

Analogous

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



0078F6



4B5EE7



B430B7

Triad

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



4B5EE7



BC4800



008864

Complementary

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



4B5EE7



E7D44B

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.



008417



4B5EE7



8B6800

Square

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



4B5EE7



DA0635



487A00



0088A9

Rectangle

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



4B5EE7



D3008D



487A00



00874C

Sweetspot

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



4B5EE7



CCD2FF



4BE7D2



616580



000000



808080

Same Dimension

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



4B5EE7



304AFF



844BE7



676973



0016B3



000633

Inverse Universe

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



E74B5E



FF304A



AEE74B



736769



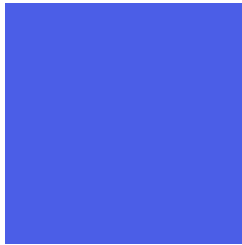
B30016



330006

Previews

White Background



This preview shows how the Hex color 4B5EE7 looks on a white background.

Color Contrast Check

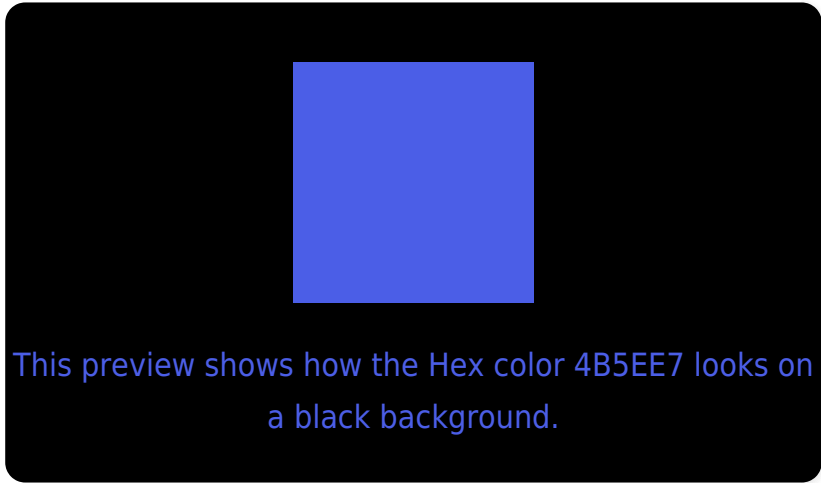
Large Text (above 18pt) WCAG AA ✓ Pass

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

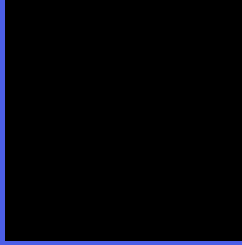
Any Text WCAG AA × Fail

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 4B5EE7 Background



This preview shows how black text looks on a background with the Hex color 4B5EE7.

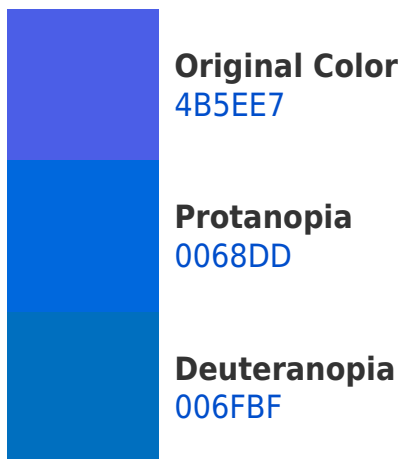


This preview shows how white text looks on a background with the Hex color 4B5EE7.

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](#).

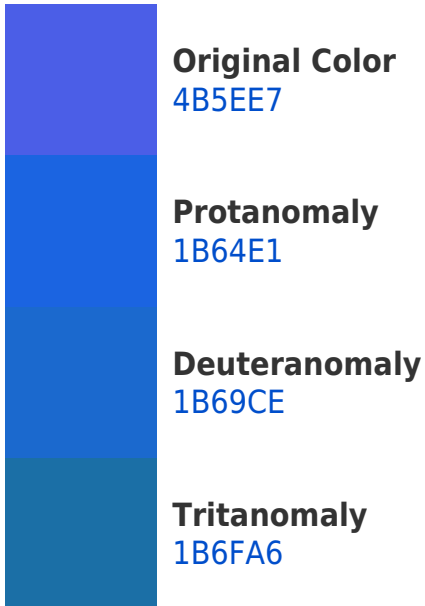
Dichromacy





Tritanopia
007881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5EE7 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 #4B5EE7 looks like.

```
.text, #text, p{  
    color:#4B5EE7  
}
```

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 #4B5EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5EE7
}
```

Border

The CSS property to change the border of an element to Hex 4B5EE7 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
#4B5EE7 }
```

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

```
.border{ border-color:#4B5EE7 }
```

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

Here you see how a box with a 4 pixel #4B5EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5EE7; -webkit-box-shadow:4px 4px  
4px 4px #4B5EE7; box-shadow:4px 4px 4px  
4px #4B5EE7 }
```

Background

The CSS property to change the background color of an element to Hex 4B5EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5EE7 }
```

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

```
.background{ background-color:#4B5EE7 }
```

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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