

Converting Colors

Hex(4B63DE)

Have a look what the booklet for
Hex(4B63DE) contains.

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Color

Hex(4B63DE)

Conversions

Conversions Part 1

Format	Color
Hex	4B63DE
RGB	75, 99, 222
RGB Percent	29%, 39%, 87%
CMY	0.7059, 0.6118, 0.1294
CMYK	0.66, 0.55, 0.00, 0.13
HSL	230°, 69%, 58%
HSV	230°, 66%, 87%
XYZ	20.5483, 15.6935, 71.0534
YIQ	105.8460, -53.7870, 33.1650

Conversions

Conversions Part 2

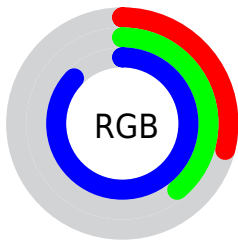
Format	Color
R_{YB}	75, 96, 222
Decimal	4940766
CIE _{Lab}	46.57, 30.39, -65.60
CIE _{LCh}	47, 72.295, 294.859
Yxy	15.6935, 0.1915, 0.1463
Android (android.graphics.Color)	4283130846 (0xFF4B63DE)
YUV	105.8460, 57.2639, -27.0519
Hunter-Lab	39.6150, 23.2618, -78.6120

Details

The Hex color **4B63DE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **DEC64B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8A95FF**, and **0035A6** is the 20% darker color. If you saturate the color by 10%, you get **3550DE**, and if you desaturate by 10%, it is **6176DE**.

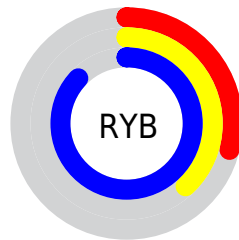
Distribution



Red (29%)

Green (39%)

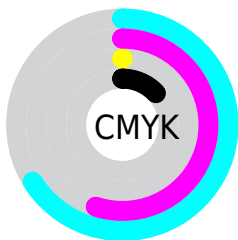
Blue (87%)



Red (29%)

Yellow (38%)

Blue (87%)

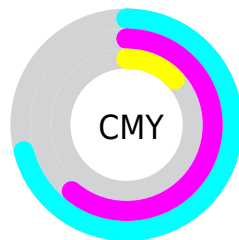


Cyan (66%)

Magenta (55%)

Yellow (0%)

Black (13%)



Cyan (71%)

Magenta (61%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B63DE 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 4B63DE by changing the saturation by 10% instead.

 4B63DE

 4B63DE

FFFFFF

 224BC2

 8A95FF

 0035A6

 A9B0FF

 00218B

 C7CBFF

 000F71

 E5E8FF

 000057

 00063F

 000328

 000112

 000000

 4B63DE

 4B63DE

 3550DE

 6176DE

 1F3EDE

 7788DE

 082BDE

 8E9BDE

 0024DE

 A4ADDE

 BAC0DE

 D0D2DE

 E6E5DE

 FDF8DE

 FFFFDE

Harmonies

Analogous

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



0079E9



4B63DE



AB40B5

Triad

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



4B63DE



BB4C00



008762

Complementary

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



4B63DE



DEC64B

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.



00831F



4B63DE



8F6800

Square

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



4B63DE



D42640



557A00



0088A0

Rectangle

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



4B63DE



C92490



557A00



00864C

Sweetspot

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



4B63DE



CCD4FF



4BDEC5



616680



000000



808080

Same Dimension

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



4B63DE



3656FF



7C4BDE



656770



001DB0



000830

Inverse Universe

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



DE4B63



FF3656



ADDE4B



706567



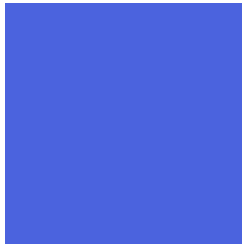
B0001D



300008

Previews

White Background



This preview shows how the Hex color 4B63DE looks on a white background.

Color Contrast Check

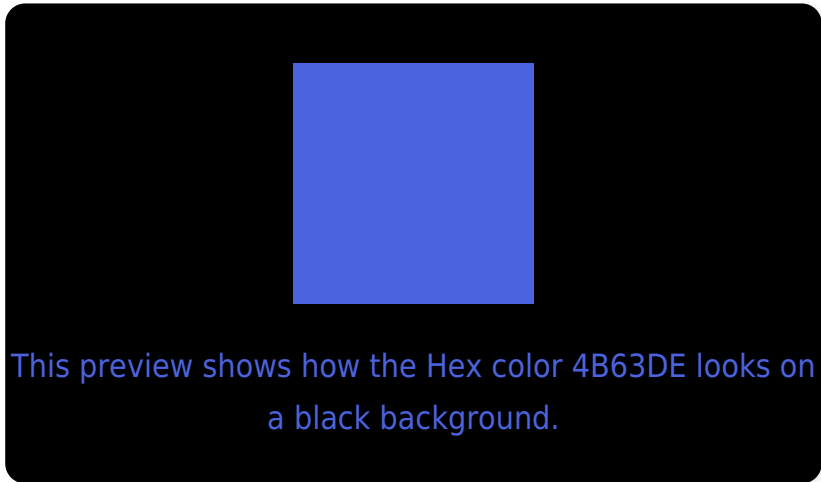
Large Text (above 18pt) WCAG AA ✓ Pass

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

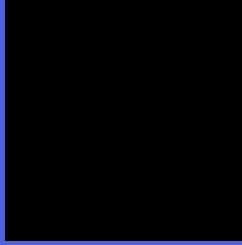
Any Text WCAG AA × Fail

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 4B63DE Background



This preview shows how black text looks on a background with the Hex color 4B63DE.

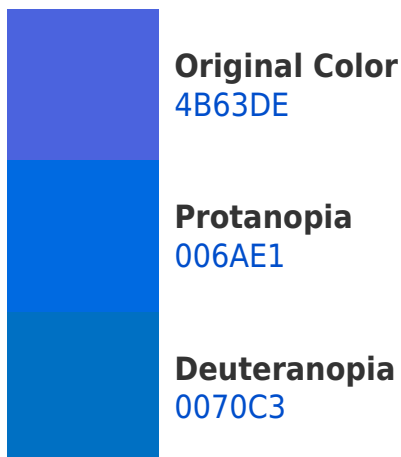


This preview shows how white text looks on a background with the Hex color 4B63DE.

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](#).

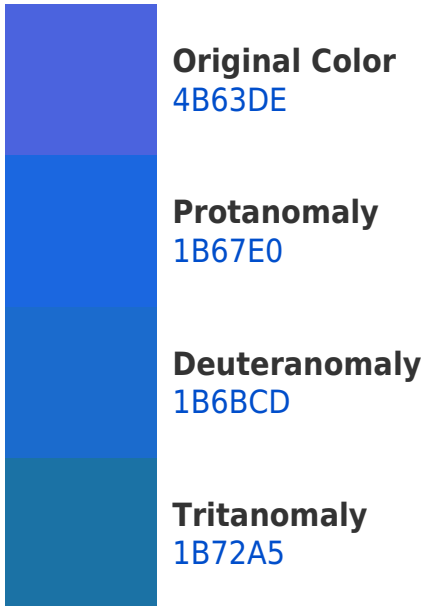
Dichromacy





Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B63DE 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 #4B63DE looks like.

```
.text, #text, p{  
  color:#4B63DE  
}
```

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 #4B63DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B63DE
}
```

Border

The CSS property to change the border of an element to Hex 4B63DE 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
#4B63DE }
```

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

```
.border{ border-color:#4B63DE }
```

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

Here you see how a box with a 4 pixel #4B63DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B63DE; -webkit-box-shadow:4px 4px  
4px 4px #4B63DE; box-shadow:4px 4px 4px  
4px #4B63DE }
```

Background

The CSS property to change the background color of an element to Hex 4B63DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B63DE }
```

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

```
.background{ background-color:#4B63DE }
```

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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