

Converting Colors

Hex(4E63B8)

Have a look what the booklet for
Hex(4E63B8) contains.

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Color

Hex(4E63B8)

Conversions

Conversions Part 1

Format	Color
Hex	4E63B8
RGB	78, 99, 184
RGB Percent	31%, 39%, 72%
CMY	0.6941, 0.6118, 0.2784
CMYK	0.58, 0.46, 0.00, 0.28
HSL	228°, 43%, 51%
HSV	228°, 58%, 72%
XYZ	16.2555, 14.0041, 47.1937
YIQ	102.4110, -39.8010, 21.9830

Conversions

Conversions Part 2

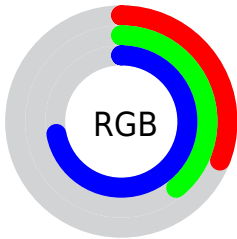
Format	Color
R_{YB}	78, 96, 184
Decimal	5137336
CIE _{Lab}	44.24, 17.89, -47.50
CIE _{LCh}	44, 50.755, 290.638
Yxy	14.0041, 0.2099, 0.1808
Android (android.graphics.Color)	4283327416 (0xFF4E63B8)
YUV	102.4110, 40.2234, -21.4084
Hunter-Lab	37.4220, 12.0487, -48.5765

Details

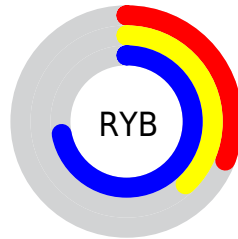
The Hex color **4E63B8** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B8A34E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8795F1**, and **003582** is the 20% darker color. If you saturate the color by 10%, you get **3C54B8**, and if you desaturate by 10%, it is **6072B8**.

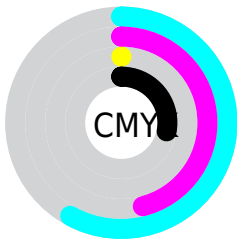
Distribution



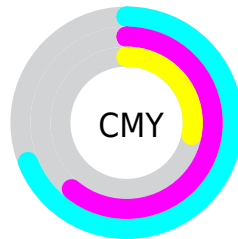
- Red (31%)
- Green (39%)
- Blue (72%)



- Red (31%)
- Yellow (38%)
- Blue (72%)



- Cyan (58%)
- Magenta (46%)
- Yellow (0%)
- Black (28%)



- Cyan (69%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E63B8 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 4E63B8 by changing the saturation by 10% instead.

■ 4E63B8

■ 4E63B8

FFFFFF

■ 2F4B9D

■ 8795F1

■ 003582

■ A3B0FF

■ 002069

■ C0CBFF

■ 000B50

■ DDE7FF

■ 000538

■ FBFFFF

■ 000222

■ 000008

■ 000000

■ 4E63B8

■ 4E63B8

■ 3C54B8

■ 6072B8

■ 2945B8

■ 7381B8

■ 1737B8

■ 858FB8

■ 0428B8

■ 989EB8

■ 0024B8

■ AAADB8

■ BCBCB8

■ CFCAB8

■ E1D9B8

■ F4E8B8

Harmonies

Analogous

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



0071BC



4E63B8



8E509F

Triad

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



4E63B8



A65028



007C59

Complementary

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



4E63B8



B8A34E

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.



2A772F



4E63B8



886206

Square

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



4E63B8



B4414D



616F0A



007C85

Rectangle

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



4E63B8



A64486



616F0A



007B4B

Sweetspot

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



4E63B8



C7CFF0



4EB8A3



606578



F7F7F7



787878

Same Dimension

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



4E63B8



4A6BF0



6E4EB8



53545C



001F9C



00061C

Inverse Universe

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



B84E63



F04A6B



98B84E



5C5354



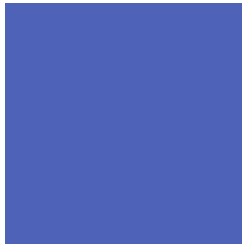
9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 4E63B8 looks on a white background.

Color Contrast Check

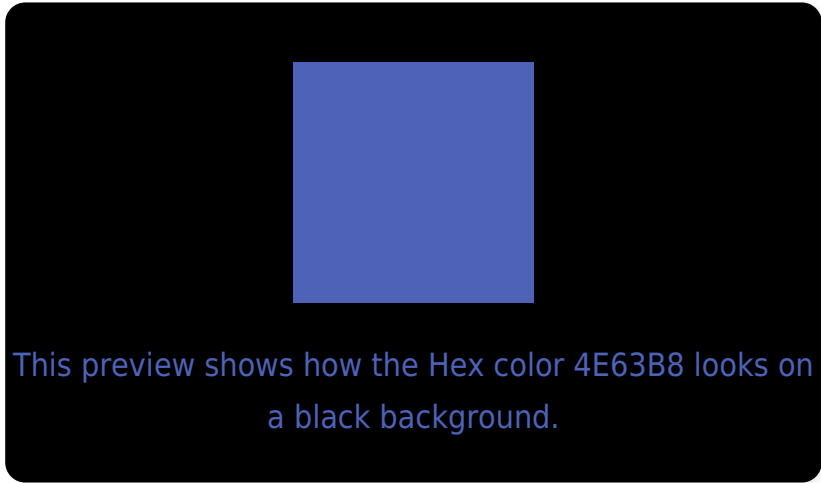
Large Text (above 18pt) WCAG AA ✓ Pass

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

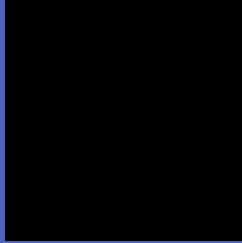
Any Text WCAG AA × Fail

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 4E63B8 Background



This preview shows how black text looks on a background with the Hex color 4E63B8.

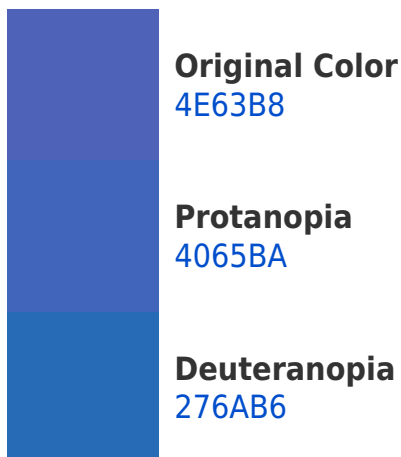


This preview shows how white text looks on a background with the Hex color 4E63B8.

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](#).

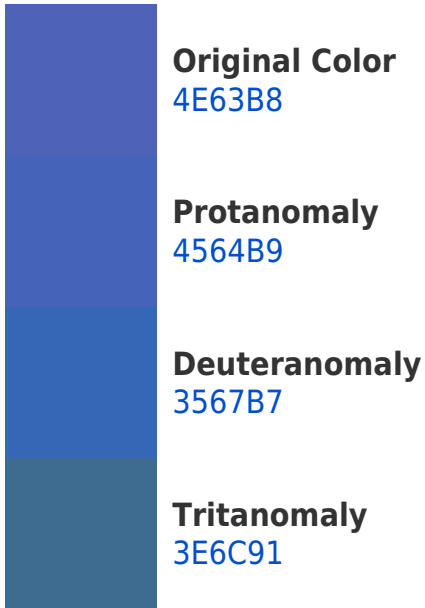
Dichromacy





Tritanopia
35717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E63B8 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 #4E63B8 looks like.

```
.text, #text, p{  
    color:#4E63B8  
}
```

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 #4E63B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E63B8
}
```

Border

The CSS property to change the border of an element to Hex 4E63B8 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
#4E63B8 }
```

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

```
.border{ border-color:#4E63B8 }
```

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

Here you see how a box with a 4 pixel #4E63B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E63B8; -webkit-box-shadow:4px 4px  
4px 4px #4E63B8; box-shadow:4px 4px 4px  
4px #4E63B8 }
```

Background

The CSS property to change the background color of an element to Hex 4E63B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E63B8 }
```

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

```
.background{ background-color:#4E63B8 }
```

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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