

Converting Colors

Hex(4E8BBA)

Have a look what the booklet for
Hex(4E8BBA) contains.

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Color

Hex(4E8BBA)

Conversions

Conversions Part 1

Format	Color
Hex	4E8BBA
RGB	78, 139, 186
RGB Percent	31%, 55%, 73%
CMY	0.6941, 0.4549, 0.2706
CMYK	0.58, 0.25, 0.00, 0.27
HSL	206°, 44%, 52%
HSV	206°, 58%, 73%
XYZ	21.2374, 23.6301, 49.8961
YIQ	126.1190, -51.4430, 1.6850

Conversions

Conversions Part 2

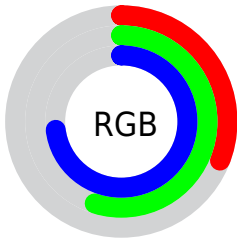
Format	Color
R_{YB}	78, 117, 186
Decimal	5147578
CIE _{Lab}	55.72, -5.71, -30.55
CIE _{LCh}	56, 31.075, 259.407
Yxy	23.6301, 0.2241, 0.2494
Android (android.graphics.Color)	4283337658 (0xFF4E8BBA)
YUV	126.1190, 29.5213, -42.2004
Hunter-Lab	48.6108, -7.0846, -26.8301

Details

The Hex color **4E8BBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA7D4E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **87C0F2**, and **005985** is the 20% darker color. If you saturate the color by 10%, you get **3B83BA**, and if you desaturate by 10%, it is **6193BA**.

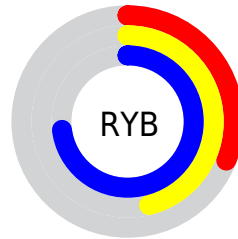
Distribution



Red (31%)

Green (55%)

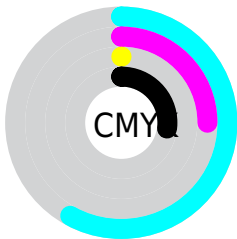
Blue (73%)



Red (31%)

Yellow (46%)

Blue (73%)

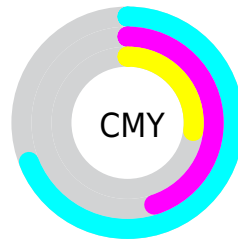


Cyan (58%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E8BBA 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 4E8BBA by changing the saturation by 10% instead.

■ 4E8BBA

■ 4E8BBA

FFFFFF

■ 2F729F

■ 87C0F2

■ 005985

■ A3DCFF

■ 00426B

■ C0F9FF

■ 002C53

■ DDFFFF

■ 00183B

■ FBFFFF

■ 000225

■ 00010E

■ 000000

■ 4E8BBA

■ 4E8BBA

■ 3B83BA

■ 6193BA

■ 297BBA

■ 739BBA

■ 1673BA

■ 86A3BA

■ 046BBA

■ 98ABBA

■ 0069BA

■ ABB3BA

■ BEBCBA

■ D0C4BA

■ E3CCBA

■ F5D4BA

Harmonies

Analogous

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



2091AE



4E8BBA



7B82B8

Triad

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



4E8BBA



BA7175



679061

Complementary

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



4E8BBA



BA7D4E

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.



868952



4E8BBA



B3775E

Square

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



4E8BBA



B47290



A08150



44937B

Rectangle

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



4E8BBA



947BAF



A08150



728E5B

Sweetspot

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



4E8BBA



C9E0F2



4EBA7D



62707A



FAFAFA



7A7A7A

Same Dimension

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



4E8BBA



49A8F2



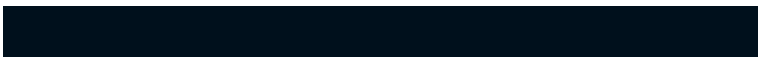
4E55BA



53585C



00589C



00101C

Inverse Universe

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



BA4E8B



F249A8



BAB34E



5C5358



9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 4E8BBA looks on a white background.

Color Contrast Check

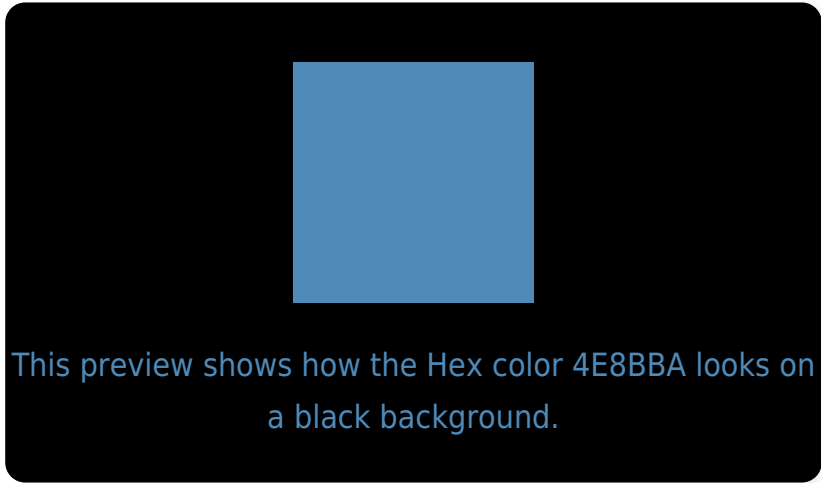
Large Text (above 18pt) WCAG AA ✓ Pass

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

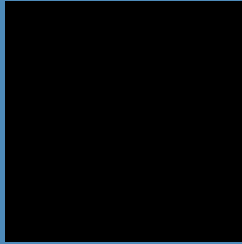
Any Text WCAG AA ✓ Pass

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 4E8BBA Background



This preview shows how black text looks on a background with the Hex color 4E8BBA.

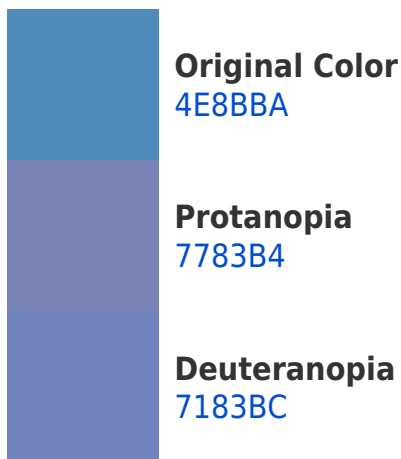


This preview shows how white text looks on a background with the Hex color 4E8BBA.

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](#).

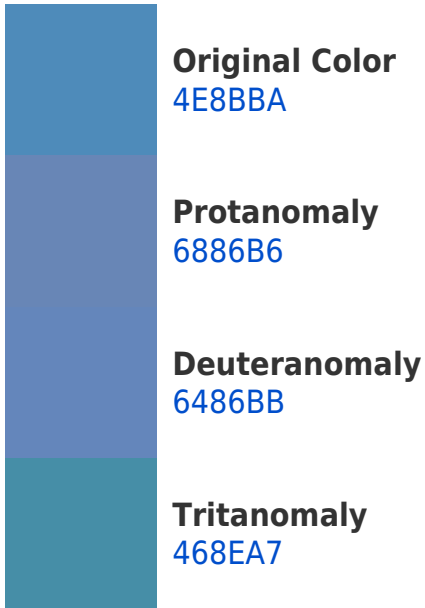
Dichromacy





Tritanopia
42909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E8BBA 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 #4E8BBA looks like.

```
.text, #text, p{  
    color:#4E8BBA  
}
```

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 #4E8BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8BBA
}
```

Border

The CSS property to change the border of an element to Hex 4E8BBA 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
#4E8BBA }
```

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

```
.border{ border-color:#4E8BBA }
```

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

Here you see how a box with a 4 pixel #4E8BBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8BBA; -webkit-box-shadow:4px 4px  
4px 4px #4E8BBA; box-shadow:4px 4px 4px  
4px #4E8BBA }
```

Background

The CSS property to change the background color of an element to Hex 4E8BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8BBA }
```

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

```
.background{ background-color:#4E8BBA }
```

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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