

Converting Colors

Hex(4E87A0)

Have a look what the booklet for
Hex(4E87A0) contains.

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Color

Hex(4E87A0)

Conversions

Conversions Part 1

Format	Color
Hex	4E87A0
RGB	78, 135, 160
RGB Percent	31%, 53%, 63%
CMY	0.6941, 0.4706, 0.3725
CMYK	0.51, 0.16, 0.00, 0.37
HSL	198°, 34%, 47%
HSV	198°, 51%, 63%
XYZ	18.1510, 21.4857, 36.4482
YIQ	120.8070, -41.9970, -4.3090

Conversions

Conversions Part 2

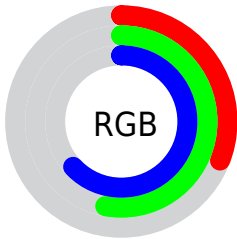
Format	Color
R_YB	78, 112, 160
Decimal	5146528
CIE _{Lab}	53.48, -11.54, -19.08
CIE _{LCh}	53, 22.297, 238.839
Yxy	21.4857, 0.2386, 0.2824
Android (android.graphics.Color)	4283336608 (0xFF4E87A0)
YUV	120.8070, 19.3221, -37.5417
Hunter-Lab	46.3527, -11.2193, -14.1742

Details

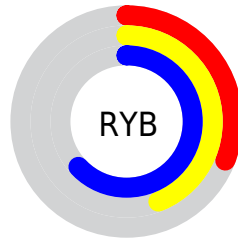
The Hex color **4E87A0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0674E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **84BCD7**, and **11556C** is the 20% darker color. If you saturate the color by 10%, you get **3E82A0**, and if you desaturate by 10%, it is **5E8CA0**.

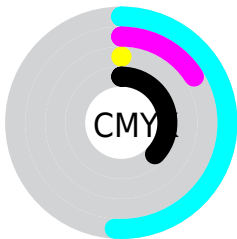
Distribution



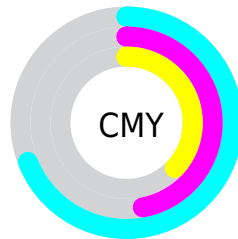
- Red (31%)
- Green (53%)
- Blue (63%)



- Red (31%)
- Yellow (44%)
- Blue (63%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E87A0 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 4E87A0 by changing the saturation by 10% instead.

■ 4E87A0

■ 4E87A0

FFFFFF

■ 326E86

■ 84BCD7

■ 11556C

■ A0D8F3

■ 003E54

■ BCF4FF

■ 00283D

■ D9FFFF

■ 001427

■ F6FFFF

■ 000111

■ 000000

■ 4E87A0

■ 4E87A0

■ 3E82A0

■ 5E8CA0

■ 2E7DA0

■ 6E91A0

■ 1E78A0

■ 7E96A0

■ 0E73A0

■ 8E9BA0

■ 006FA0

■ 9E9FA0

■ AEA4A0

■ BEA9A0

■ CEAEA0

■ DEB3A0

Harmonies

Analogous

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



458A92



4E87A0



6682A6

Triad

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



4E87A0



A47281



7A845E

Complementary

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



4E87A0



A0674E

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.



8E7E59



4E87A0



A6736E

Square

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



4E87A0



987594



9E7860



64886B

Rectangle

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



4E87A0



797DA4



9E7860



81825B

Sweetspot

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



4E87A0



B2C8D1



4EA067



566369



E8E8E8



696969

Same Dimension

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



4E87A0



4FAAD1



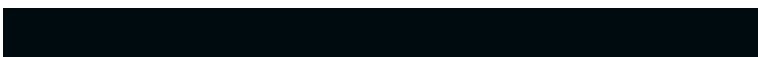
4E5EA0



474D4F



00638F



000B0F

Inverse Universe

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



A04E87



D14FAA



A0904E



4F474D



8F0063



0F000B

Previews

White Background



This preview shows how the Hex color 4E87A0 looks on a white background.

Color Contrast Check

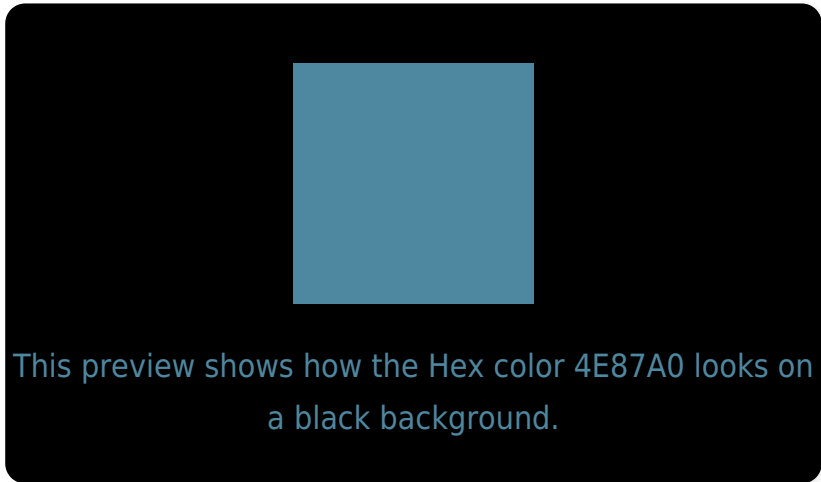
Large Text (above 18pt) WCAG AA ✓ Pass

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

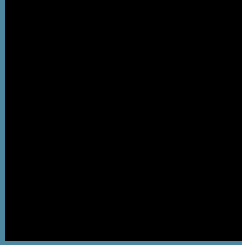
Any Text WCAG AA ✓ Pass

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 4E87A0 Background



This preview shows how black text looks on a background with the Hex color 4E87A0.




This preview shows how white text looks on a background with the Hex color 4E87A0.

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](#).

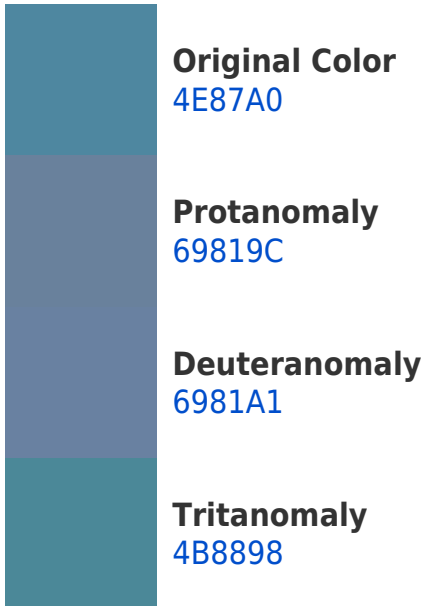
Dichromacy





Tritanopia
4A8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E87A0 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 #4E87A0 looks like.

```
.text, #text, p{  
    color:#4E87A0  
}
```

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 #4E87A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E87A0
}
```

Border

The CSS property to change the border of an element to Hex 4E87A0 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
#4E87A0 }
```

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

```
.border{ border-color:#4E87A0 }
```

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

Here you see how a box with a 4 pixel #4E87A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E87A0; -webkit-box-shadow:4px 4px  
4px 4px #4E87A0; box-shadow:4px 4px 4px  
4px #4E87A0 }
```

Background

The CSS property to change the background color of an element to Hex 4E87A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E87A0 }
```

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

```
.background{ background-color:#4E87A0 }
```

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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