

Converting Colors

Hex(4E6E82)

Have a look what the booklet for
Hex(4E6E82) contains.

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Color

Hex(4E6E82)

Conversions

Conversions Part 1

Format	Color
Hex	4E6E82
RGB	78, 110, 130
RGB Percent	31%, 43%, 51%
CMY	0.6941, 0.5686, 0.4902
CMYK	0.40, 0.15, 0.00, 0.49
HSL	203°, 25%, 41%
HSV	203°, 40%, 51%
XYZ	12.7471, 14.3833, 23.2235
YIQ	102.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

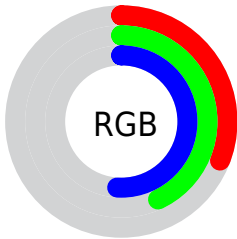
Format	Color
R_{YB}	78, 98, 130
Decimal	5140098
CIE _{Lab}	44.78, -6.04, -14.71
CIE _{LCh}	45, 15.898, 247.676
Yxy	14.3833, 0.2532, 0.2856
Android (android.graphics.Color)	4283330178 (0xFF4E6E82)
YUV	102.7120, 13.4530, -21.6724
Hunter-Lab	37.9253, -6.3735, -9.7585

Details

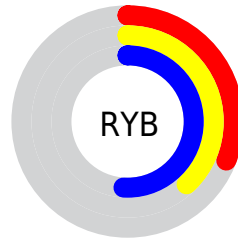
The Hex color **4E6E82** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82624E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **81A2B7**, and **1D3E51** is the 20% darker color. If you saturate the color by 10%, you get **416982**, and if you desaturate by 10%, it is **5B7382**.

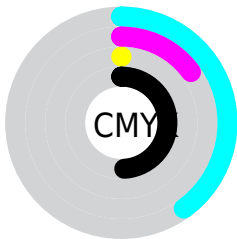
Distribution



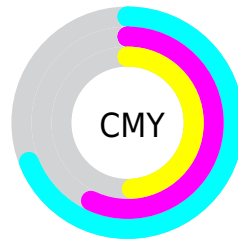
- Red (31%)
- Green (43%)
- Blue (51%)



- Red (31%)
- Yellow (38%)
- Blue (51%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6E82 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 4E6E82 by changing the saturation by 10% instead.

■ 4E6E82

■ 4E6E82

FFFFFF

■ 355669

■ 81A2B7

■ 1D3E51

■ 9CBDD3

■ 01293A

■ B7D8EF

■ 001424

■ D3F5FF

■ 00010E

■ F0FFFF

■ 000000

■ 4E6E82

■ 4E6E82

■ 416982

■ 5B7382

■ 346482

■ 687882

■ 275F82

■ 757D82

■ 1A5A82

■ 828282

■ 0D5582

■ 8F8782

■ 005082

■ 9C8C82

■ A99182

■ B69682

■ C39B82

Harmonies

Analogous

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



45717A



4E6E82



5F6A84

Triad

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



4E6E82



856067



626E55

Complementary

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



4E6E82



82624E

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.



706A50



4E6E82



84625A

Square

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



4E6E82



7E6274



7D6652



53715F

Rectangle

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



4E6E82



6B6781



7D6652



676D52

Sweetspot

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



4E6E82



94A1A8



4E8262



485054



D4D4D4



545454

Same Dimension

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



4E6E82



5889A8



4E5482



393D40



004E80



000000

Inverse Universe

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



824E6E



A85889



827C4E



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 4E6E82 looks on a white background.

Color Contrast Check

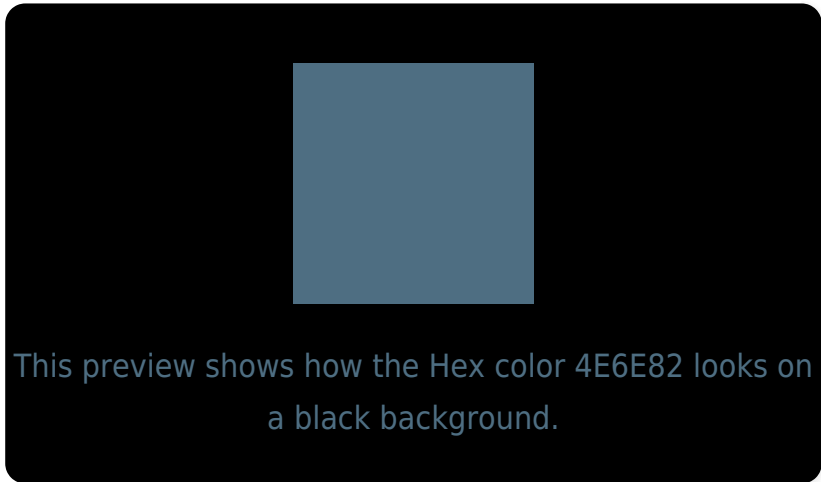
Large Text (above 18pt) WCAG AA ✓ Pass

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

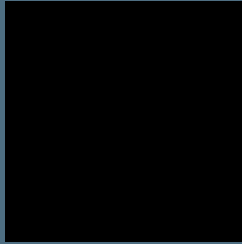
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

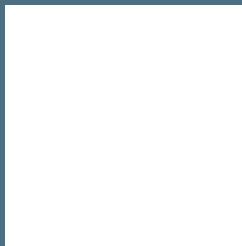
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4E6E82 Background



This preview shows how black text looks on a background with the Hex color 4E6E82.

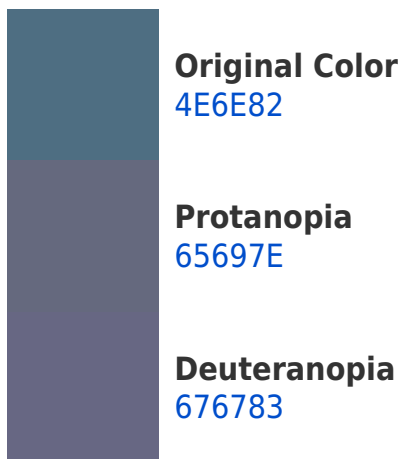


This preview shows how white text looks on a background with the Hex color 4E6E82.

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](#).

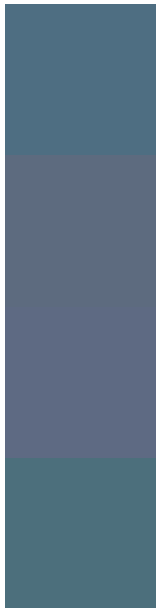
Dichromacy





Tritanopia
4B7079

Trichromacy



Original Color
4E6E82

Protanomaly
5D6B7F

Deuteranomaly
5E6A83

Tritanomaly
4C6F7C

Monochromacy



Original Color
4E6E82

Achromatopsia
676767

Achromatomaly
5E6A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6E82 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 #4E6E82 looks like.

```
.text, #text, p{  
    color:#4E6E82  
}
```

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 #4E6E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6E82
}
```

Border

The CSS property to change the border of an element to Hex 4E6E82 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
#4E6E82 }
```

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

```
.border{ border-color:#4E6E82 }
```

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

Here you see how a box with a 4 pixel #4E6E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6E82; -webkit-box-shadow:4px 4px  
4px 4px #4E6E82; box-shadow:4px 4px 4px  
4px #4E6E82 }
```

Background

The CSS property to change the background color of an element to Hex 4E6E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6E82 }
```

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

```
.background{ background-color:#4E6E82 }
```

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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