

Converting Colors

Hex(4E6E72)

Have a look what the booklet for
Hex(4E6E72) contains.

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Color

Hex(4E6E72)

Conversions

Conversions Part 1

Format	Color
Hex	4E6E72
RGB	78, 110, 114
RGB Percent	31%, 43%, 45%
CMY	0.6941, 0.5686, 0.5529
CMYK	0.32, 0.04, 0.00, 0.55
HSL	187°, 19%, 38%
HSV	187°, 32%, 45%
XYZ	11.7551, 13.9865, 17.9997
YIQ	100.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

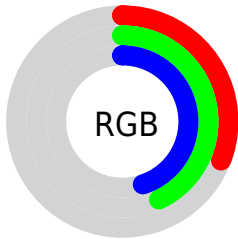
Format	Color
RYB	78, 95, 114
Decimal	5140082
CIELab	44.21, -10.43, -5.95
CIELCh	44, 12.004, 209.707
Yxy	13.9865, 0.2687, 0.3198
Android (android.graphics.Color)	4283330162 (0xFF4E6E72)
YUV	100.8880, 6.4642, -20.0728
Hunter-Lab	37.3985, -9.3413, -2.3570

Details

The Hex color **4E6E72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72524E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **80A2A6**, and **1F3E42** is the 20% darker color. If you saturate the color by 10%, you get **436D72**, and if you desaturate by 10%, it is **596F72**.

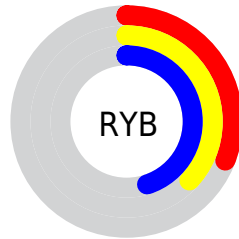
Distribution



Red (31%)

Green (43%)

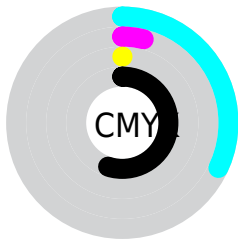
Blue (45%)



Red (31%)

Yellow (37%)

Blue (45%)

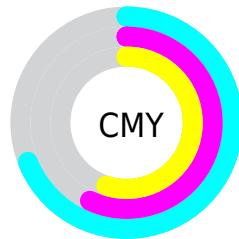


Cyan (32%)

Magenta (4%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6E72 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 4E6E72 by changing the saturation by 10% instead.



4E6E72



4E6E72

FFFFFF



36565A



80A2A6



1F3E42



9BBDC1



06282C



B6D8DD



001518



D2F5F9



000000



EEFFFF



4E6E72



4E6E72



436D72



596F72



376B72



657172

■ 2C6A72

■ 707272

■ 206972

■ 7C7372

■ 156872

■ 877472

■ 0A6672

■ 927672

■ 006572

■ 9E7772

■ A97872

■ B57972

Harmonies

Analogous

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



516E68



4E6E72



526C79

Triad

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



4E6E72



756373



716855

Complementary

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



4E6E72



72524E

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.



796558



4E6E72



7C6269

Square

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



4E6E72



6A667A



7D625F



666B57

Rectangle

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



4E6E72



596A7C



7D625F



746755

Sweetspot

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



4E6E72



879294



4E7252



42494A



C9C9C9



4A4A4A

Same Dimension

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



4E6E72



5C8E94



4E5C72



323738



006B78



00DCF7

Inverse Universe

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



724E6E



945C8E



72644E



383237



78006B



F700DC

Previews

White Background



This preview shows how the Hex color 4E6E72 looks on a white background.

Color Contrast Check

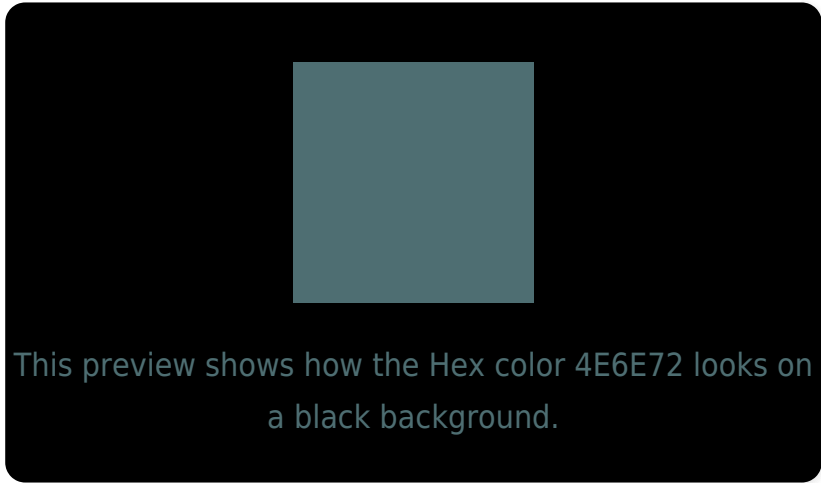
Large Text (above 18pt) WCAG AA ✓ Pass

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

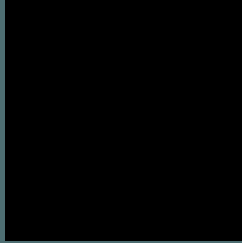
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

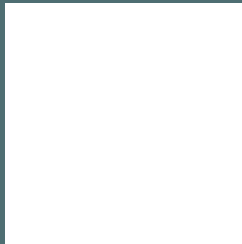
Any Text WCAG AAA × Fail

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

Hex 4E6E72 Background



This preview shows how black text looks on a background with the Hex color 4E6E72.



This preview shows how white text looks on a background with the Hex color 4E6E72.

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



Original Color
4E6E72

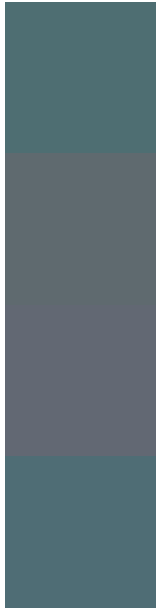
Protanopia
68686E

Deuteranopia
6D6574



Tritanopia
4F6D76

Trichromacy



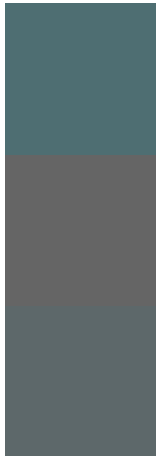
Original Color
4E6E72

Protanomaly
5F6A6F

Deuteranomaly
626873

Tritanomaly
4F6D75

Monochromacy



Original Color
4E6E72

Achromatopsia
656565

Achromatomaly
5D686A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6E72 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 #4E6E72 looks like.

```
.text, #text, p{  
    color:#4E6E72  
}
```

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 #4E6E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6E72  
}
```

Border

The CSS property to change the border of an element to Hex 4E6E72 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  
#4E6E72 }
```

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

```
.border{ border-color:#4E6E72 }
```

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

Here you see how a box with a 4 pixel #4E6E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6E72; -webkit-box-shadow:4px 4px  
4px 4px #4E6E72; box-shadow:4px 4px 4px  
4px #4E6E72 }
```

Background

The CSS property to change the background color of an element to Hex 4E6E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6E72 }
```

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

```
.background{ background-color:#4E6E72 }
```

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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