

Converting Colors

Hex(4E6A68)

Have a look what the booklet for
Hex(4E6A68) contains.

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Color

Hex(4E6A68)

Conversions

Conversions Part 1

Format	Color
Hex	4E6A68
RGB	78, 106, 104
RGB Percent	31%, 42%, 41%
CMY	0.6941, 0.5843, 0.5922
CMYK	0.26, 0.00, 0.02, 0.58
HSL	176°, 15%, 36%
HSV	176°, 26%, 42%
XYZ	10.7946, 12.9272, 15.0230
YIQ	97.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

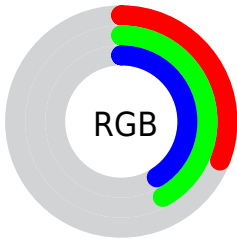
Format	Color
R_{YB}	78, 93, 106
Decimal	5139048
CIE _{Lab}	42.65, -10.68, -2.22
CIE _{LCh}	43, 10.909, 191.741
Yxy	12.9272, 0.2786, 0.3337
Android (android.graphics.Color)	4283329128 (0xFF4E6A68)
YUV	97.4000, 3.2538, -17.0138
Hunter-Lab	35.9545, -9.3293, 0.3948

Details

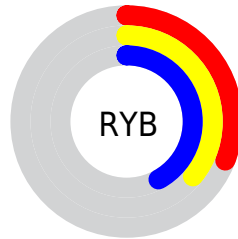
The Hex color **4E6A68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4E50**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **809D9B**, and **203B39** is the 20% darker color. If you saturate the color by 10%, you get **436A67**, and if you desaturate by 10%, it is **596A69**.

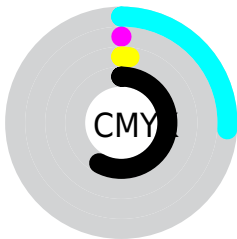
Distribution



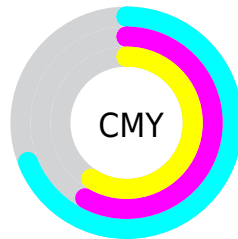
- Red (31%)
- Green (42%)
- Blue (41%)



- Red (31%)
- Yellow (36%)
- Blue (42%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6A68 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 4E6A68 by changing the saturation by 10% instead.



4E6A68



4E6A68

FFFFFF



365250



809D9B



203B39



9AB8B6



0A2524



B5D4D1



00110E



D1F0EE



000000



EDFFFF



4E6A68



4E6A68



436A67



596A69



396A66



636A6A

■ 2E6A66

■ 6E6A6A

■ 246A65

■ 786A6B

■ 196A64

■ 836A6C

■ 0E6A63

■ 8E6A6D

■ 046A63

■ 986A6D

■ 006A62

■ A36A6E

■ AD6A6F

Harmonies

Analogous

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



546A5F



4E6A68



4E6970

Triad

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



4E6A68



6B6172



716254

Complementary

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



4E6A68



6A4E50

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.



776059



4E6A68



735F6B

Square

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



4E6A68



5F6476



785E61



686553

Rectangle

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



4E6A68



526874



785E61



736155

Sweetspot

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



4E6A68



7F8A89



506A4E



3E4544



C4C4C4



454545

Same Dimension

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



4E6A68



5E8A87



4E5E6A



303635



00756D



00F5E3

Inverse Universe

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



6A4E50



8A5E61



6A5A4E



363031



750008



F50011

Previews

White Background



This preview shows how the Hex color 4E6A68 looks on a white background.

Color Contrast Check

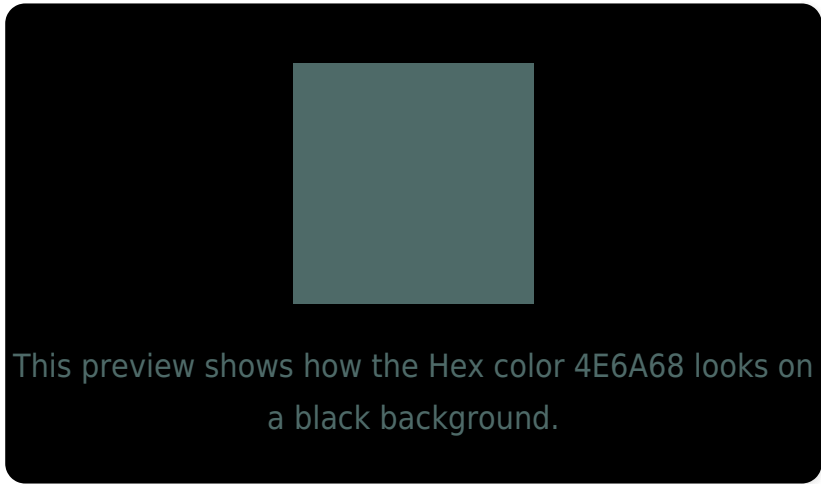
Large Text (above 18pt) WCAG AA ✓ Pass

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

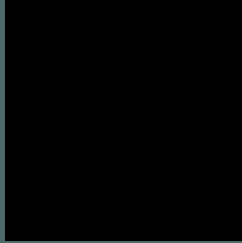
Any Text WCAG AA × Fail

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 4E6A68 Background



This preview shows how black text looks on a background with the Hex color 4E6A68.

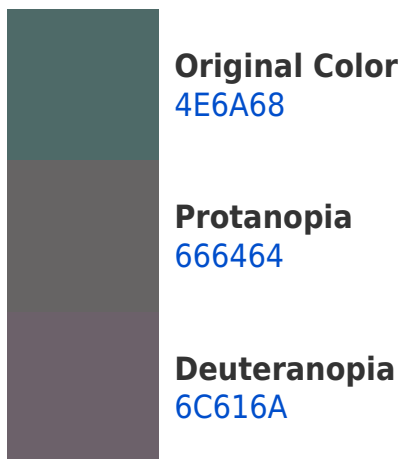



This preview shows how white text looks on a background with the Hex color 4E6A68.

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
506971

Trichromacy



Original Color
4E6A68

Protanomaly
5D6665

Deuteranomaly
616469

Tritanomaly
4F696E

Monochromacy



Original Color
4E6A68

Achromatopsia
616161

Achromatomaly
5A6464

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6A68 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 #4E6A68 looks like.

```
.text, #text, p{  
    color:#4E6A68  
}
```

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 #4E6A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6A68
}
```

Border

The CSS property to change the border of an element to Hex 4E6A68 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
#4E6A68 }
```

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

```
.border{ border-color:#4E6A68 }
```

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

Here you see how a box with a 4 pixel #4E6A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6A68; -webkit-box-shadow:4px 4px  
4px 4px #4E6A68; box-shadow:4px 4px 4px  
4px #4E6A68 }
```

Background

The CSS property to change the background color of an element to Hex 4E6A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6A68 }
```

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

```
.background{ background-color:#4E6A68 }
```

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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