

Converting Colors

Hex(4E6F59)

Have a look what the booklet for
Hex(4E6F59) contains.

Hex(4E6F59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E6F59)

Conversions

Conversions Part 1	
Format	Color
Hex	4E6F59
RGB	78, 111, 89
RGB Percent	31%, 44%, 35%
CMY	0.6941, 0.5647, 0.6510
CMYK	0.30, 0.00, 0.20, 0.56
HSL	140°, 17%, 37%
HSV	140°, 30%, 44%
XYZ	10.6295, 13.7098, 11.5372
YIQ	98.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

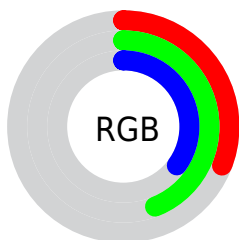
Format	Color
RYB	78, 103, 111
Decimal	5140313
CIELab	43.81, -16.92, 8.49
CIELCh	44, 18.932, 153.367
Yxy	13.7098, 0.2963, 0.3821
Android (android.graphics.Color)	4283330393 (0xFF4E6F59)
YUV	98.6250, -4.7451, -18.0881
Hunter-Lab	37.0268, -13.5539, 7.4445

Details

The Hex color **4E6F59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4E64**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80A38B**, and **203F2B** is the 20% darker color. If you saturate the color by 10%, you get **436F52**, and if you desaturate by 10%, it is **596F60**.

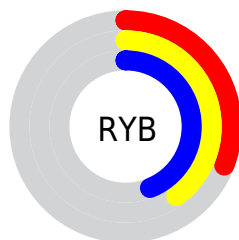
Distribution



Red (31%)

Green (44%)

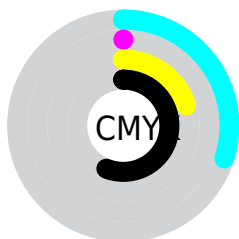
Blue (35%)



Red (31%)

Yellow (40%)

Blue (44%)

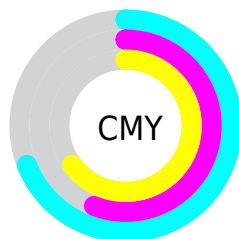


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6F59 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 4E6F59 by changing the saturation by 10% instead.

 4E6F59

 4E6F59

FFFFFF

 365642

 80A38B

 203F2B

 9ABEA5

 092917

 B5DAC0

 001600

 D1F6DC

 000000

 EDFFF9

 4E6F59

 4E6F59

 436F52

 596F60

 386F4A

 646F68

 2D6F43

 6F6F6F

 226F3B

 7A6F77

 176F34

 866F7E

 0B6F2D

 916F85

 006F25

 9C6F8D

 A76F94

 B26F9C

Harmonies

Analogous

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



606C4D



4E6F59



3E7069

Triad

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



4E6F59



566887



865E57

Complementary

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



4E6F59



6F4E64

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.



865C66



4E6F59



6C6382

Square

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



4E6F59



426D83



7D5E76



7F624C

Rectangle

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



4E6F59



387073



7D5E76



875D5C

Sweetspot

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



4E6F59



849189



646F4E



424A45



C9C9C9



4A4A4A

Same Dimension

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



4E6F59



5D916E



4E6F69



323834



007828



00F752

Inverse Universe

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



6F4E64



915D80



6F4E54



383236



780050



F700A5

Previews

White Background



This preview shows how the Hex color 4E6F59 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



This preview shows how the Hex color 4E6F59 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

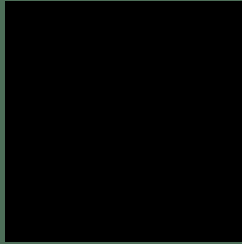
Any Text WCAG AA × Fail

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 4E6F59 Background



This preview shows how black text looks on a background with the Hex color 4E6F59.

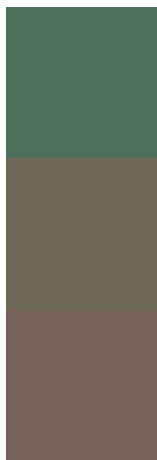


This preview shows how white text looks on a background with the Hex color 4E6F59.

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
4E6F59

Protanopia
6D6755

Deuteranopia
75635B



Tritanopia

536B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6F59 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 #4E6F59 looks like.

```
.text, #text, p{  
    color:#4E6F59  
}
```

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 #4E6F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6F59
}
```

Border

The CSS property to change the border of an element to Hex 4E6F59 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
#4E6F59 }
```

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

```
.border{ border-color:#4E6F59 }
```

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

Here you see how a box with a 4 pixel #4E6F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6F59; -webkit-box-shadow:4px 4px  
4px 4px #4E6F59; box-shadow:4px 4px 4px  
4px #4E6F59 }
```

Background

The CSS property to change the background color of an element to Hex 4E6F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6F59 }
```

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

```
.background{ background-color:#4E6F59 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor