

# Converting Colors

Hex(4E6869)

Have a look what the booklet for  
Hex(4E6869) contains.

<b>Hex(4E6869)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4E6869)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E6869
RGB	78, 104, 105
RGB Percent	31%, 41%, 41%
CMY	0.6941, 0.5922, 0.5882
CMYK	0.26, 0.01, 0.00, 0.59
HSL	182°, 15%, 36%
HSV	182°, 26%, 41%
XYZ	10.6420, 12.5403, 15.2242
YIQ	96.3400, -15.8170, -5.2010

# Conversions

## Conversions Part 2

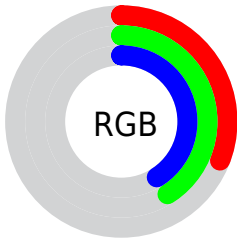
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 91, 105
Decimal	5138537
CIE <sub>Lab</sub>	42.06, -9.28, -3.70
CIE <sub>LCh</sub>	42, 9.988, 201.733
Yxy	12.5403, 0.2771, 0.3265
Android (android.graphics.Color)	4283328617 (0xFF4E6869)
YUV	96.3400, 4.2694, -16.0842
Hunter-Lab	35.4122, -8.3290, -0.7011

# Details

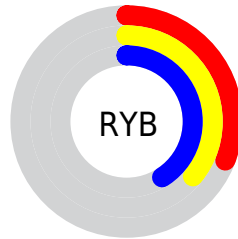
The Hex color **4E6869** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694F4E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **809B9C**, and **20393A** is the 20% darker color. If you saturate the color by 10%, you get **446869**, and if you desaturate by 10%, it is **596869**.

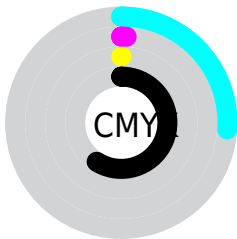
# Distribution



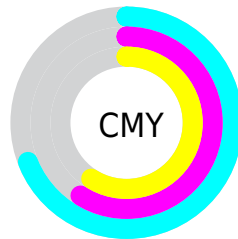
- Red (31%)
- Green (41%)
- Blue (41%)



- Red (31%)
- Yellow (36%)
- Blue (41%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6869 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 4E6869 by changing the saturation by 10% instead.





4E6869



4E6869

FFFFFF



375051



809B9C



20393A



9AB6B7



0A2324



B5D2D3



000E0F



D1EEEF



000000



EDFFFF



4E6869



4E6869



446869



596869



396769



636969

■ 2F6769

■ 6E6969

■ 246669

■ 786A69

■ 1A6669

■ 836A69

■ 0F6669

■ 8D6A69

■ 056569

■ 986B69

■ 006569

■ A26B69

■ AC6B69

# Harmonies

## Analogous

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



526861



4E6869



506770

# Triad

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



4E6869



6C5F6E



6C6253

# Complementary

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



4E6869



694F4E

# 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.



725F57



4E6869



735E66

# Square

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



4E6869



626272



755E5E



636554

# Rectangle

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



4E6869



556573



755E5E



6F6154



# Sweetspot

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



4E6869



7F898A



4E694F



3E4545



C4C4C4



454545



# Same Dimension

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



4E6869



5F888A



4E5B69



303536



007175



00ECF5



# Inverse Universe

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



694E68



8A5F88



695C4E



363035



750071



F500EC



# Previews

## White Background



This preview shows how the Hex color 4E6869 looks on a white background.

## Color Contrast Check

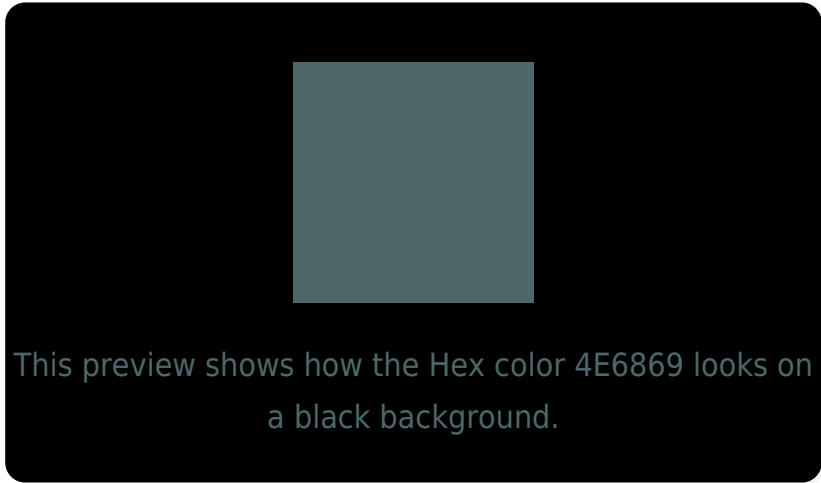
Large Text (above 18pt) WCAG AA ✓ Pass

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

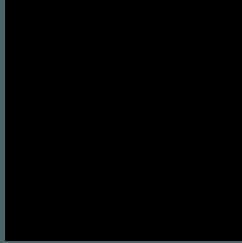
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E6869 Background



This preview shows how black text looks on a background with the Hex color 4E6869.



This preview shows how white text looks on a background with the Hex color 4E6869.

# 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**  
4E6869

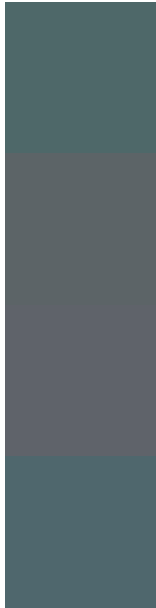
**Protanopia**  
646266

**Deuteranopia**  
69606B



**Tritanopia**  
4F676F

# Trichromacy



**Original Color**  
4E6869

**Protanomaly**  
5C6467

**Deuteranomaly**  
5F636A

**Tritanomaly**  
4F676D

# Monochromacy



**Original Color**  
4E6869

**Achromatopsia**  
606060

**Achromatomaly**  
596363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6869 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 #4E6869 looks like.

```
.text, #text, p{  
    color:#4E6869  
}
```

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 #4E6869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6869
}
```

## Border

The CSS property to change the border of an element to Hex 4E6869 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
#4E6869 }
```

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

```
.border{ border-color:#4E6869 }
```

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

Here you see how a box with a 4 pixel #4E6869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6869; -webkit-box-shadow:4px 4px  
4px 4px #4E6869; box-shadow:4px 4px 4px  
4px #4E6869 }
```

# Background

The CSS property to change the background color of an element to Hex 4E6869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6869 }
```

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

```
.background{ background-color:#4E6869 }
```

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