

# Converting Colors

Hex(4E6E6E)

Have a look what the booklet for  
Hex(4E6E6E) contains.

<b>Hex(4E6E6E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4E6E6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E6E6E
RGB	78, 110, 110
RGB Percent	31%, 43%, 43%
CMY	0.6941, 0.5686, 0.5686
CMYK	0.29, 0.00, 0.00, 0.57
HSL	180°, 17%, 37%
HSV	180°, 29%, 43%
XYZ	11.5323, 13.8974, 16.8265
YIQ	100.4320, -19.0720, -6.7840

# Conversions

## Conversions Part 2

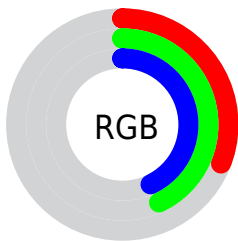
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 94, 110
Decimal	5140078
CIELab	44.09, -11.46, -3.73
CIELCh	44, 12.050, 198.038
Yxy	13.8974, 0.2729, 0.3289
Android (android.graphics.Color)	4283330158 (0xFF4E6E6E)
YUV	100.4320, 4.7170, -19.6729
Hunter-Lab	37.2792, -10.0196, -0.6660

# Details

The Hex color **4E6E6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4E4E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **80A2A2**, and **1F3E3F** is the 20% darker color. If you saturate the color by 10%, you get **436E6E**, and if you desaturate by 10%, it is **596E6E**.

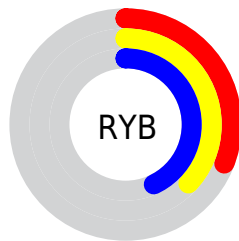
# Distribution



Red (31%)

Green (43%)

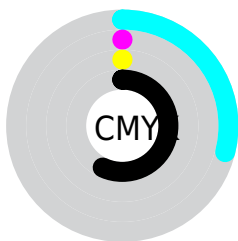
Blue (43%)



Red (31%)

Yellow (37%)

Blue (43%)

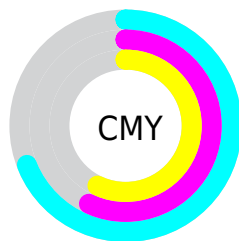


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6E6E 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 4E6E6E by changing the saturation by 10% instead.





4E6E6E



4E6E6E

FFFFFF



365656



80A2A2



1F3E3F



9BBDBD



072829



B6D8D8



001514



D1F5F5



000000



EEFFFF



4E6E6E



4E6E6E



436E6E



596E6E



386E6E



646E6E

■ 2D6E6E

■ 6F6E6E

■ 226E6E

■ 7A6E6E

■ 176E6E

■ 856E6E

■ 0C6E6E

■ 906E6E

■ 016E6E

■ 9B6E6E

■ 006E6E

■ A66E6E

■ B16E6E

# Harmonies

## Analogous

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



546E64



4E6E6E



4F6D77

# Triad

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



4E6E6E



716476



746655

# Complementary

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



4E6E6E



6E4E4E

# 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.



7B635A



4E6E6E



7A626D

# Square

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



4E6E6E



65677B



7D6162



6A6955

# Rectangle

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



4E6E6E



556B7A



7D6162



776556



# Sweetspot

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



4E6E6E



828F8F



4E6E4E



404747



C7C7C7



474747



# Same Dimension

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



4E6E6E



5D8F8F



4E5E6E



323838



007878



00F7F7



# Inverse Universe

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



6E4E6E



8F5D8F



6E5E4E



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 4E6E6E looks on a white background.

## Color Contrast Check

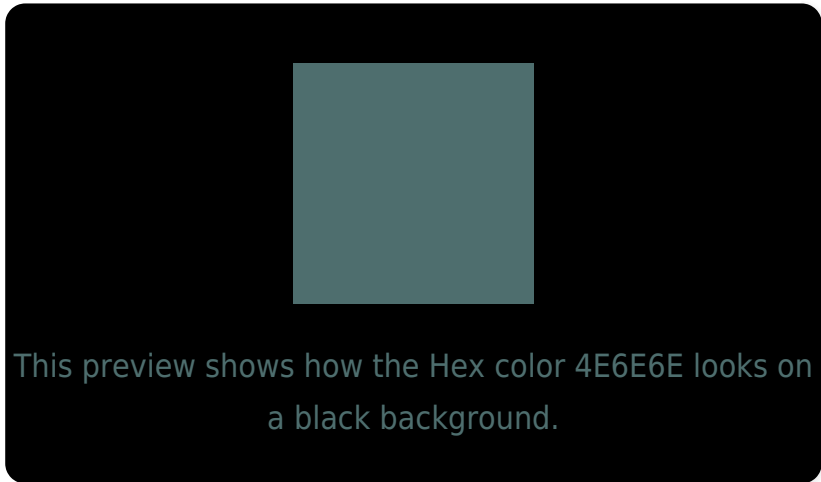
Large Text (above 18pt) WCAG AA ✓ Pass

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

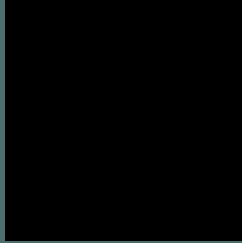
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E6E6E Background



This preview shows how black text looks on a background with the Hex color 4E6E6E.

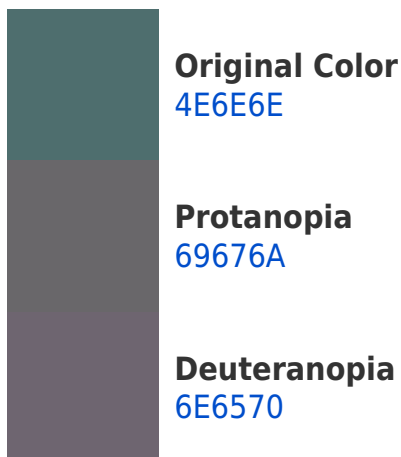



This preview shows how white text looks on a background with the Hex color 4E6E6E.

# 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**  
506D76

# Trichromacy



**Original Color**  
4E6E6E

**Protanomaly**  
5F6A6B

**Deuteranomaly**  
62686F

**Tritanomaly**  
4F6D73

# Monochromacy



**Original Color**  
4E6E6E

**Achromatopsia**  
646464

**Achromatomaly**  
5C6868

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6E6E 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 #4E6E6E looks like.

```
.text, #text, p{  
    color:#4E6E6E  
}
```

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 #4E6E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6E6E
}
```

## Border

The CSS property to change the border of an element to Hex 4E6E6E 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
#4E6E6E }
```

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

```
.border{ border-color:#4E6E6E }
```

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

Here you see how a box with a 4 pixel #4E6E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6E6E; -webkit-box-shadow:4px 4px  
4px 4px #4E6E6E; box-shadow:4px 4px 4px  
4px #4E6E6E }
```

# Background

The CSS property to change the background color of an element to Hex 4E6E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6E6E }
```

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

```
.background{ background-color:#4E6E6E }
```

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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