

# Converting Colors

Hex(4E5A63)

Have a look what the booklet for  
Hex(4E5A63) contains.

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# Color

Hex(4E5A63)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5A63
RGB	78, 90, 99
RGB Percent	31%, 35%, 39%
CMY	0.6941, 0.6471, 0.6118
CMYK	0.21, 0.09, 0.00, 0.61
HSL	206°, 12%, 35%
HSV	206°, 21%, 39%
XYZ	9.0502, 9.8329, 13.2253
YIQ	87.4380, -10.0410, 0.2550

# Conversions

## Conversions Part 2

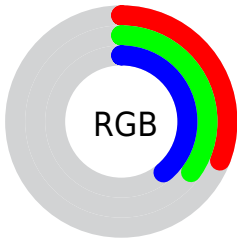
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 86, 99
Decimal	5134947
CIE Lab	37.54, -2.46, -6.74
CIE LCh	38, 7.171, 249.939
Yxy	9.8329, 0.2819, 0.3062
Android (android.graphics.Color)	4283325027 (0xFF4E5A63)
YUV	87.4380, 5.7001, -8.2771
Hunter-Lab	31.3574, -3.3580, -3.0560

# Details

The Hex color **4E5A63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **63574E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F8C96**, and **212D35** is the 20% darker color. If you saturate the color by 10%, you get **445663**, and if you desaturate by 10%, it is **585E63**.

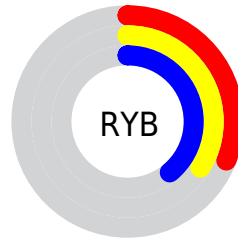
# Distribution



Red (31%)

Green (35%)

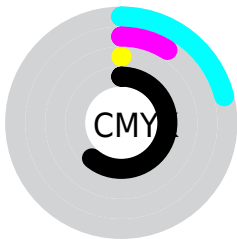
Blue (39%)



Red (31%)

Yellow (34%)

Blue (39%)

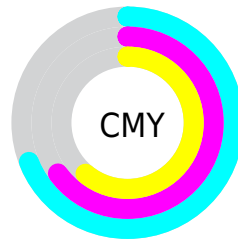


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (61%)



Cyan (69%)

Magenta (65%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A63 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 4E5A63 by changing the saturation by 10% instead.





4E5A63



4E5A63

FFFFFF



37434B



7F8C96



212D35



99A6B0



0C181F



B4C1CC



000006



D0DDE8



000000



ECFAFF



4E5A63



4E5A63



445663



585E63



3A5263



626263

■ 304D63

■ 6C6763

■ 264963

■ 766B63

■ 1D4563

■ 806F63

■ 134163

■ 897363

■ 093C63

■ 937863

■ 003963

■ 9D7C63

■ A78063

# Harmonies

## Analogous

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



4A5B60



4E5A63



555864

# Triad

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



4E5A63



655457



545A4F

# Complementary

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



4E5A63



63574E

# 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.



5B594D



4E5A63



645551

# Square

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



4E5A63



62555C



61574E



4E5B54

# Rectangle

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



4E5A63



5A5762



61574E



575A4E



# Sweetspot

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



4E5A63



787C80



4E6357



3B3E40



BFBFBF



404040



# Same Dimension

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



4E5A63



607280



4E5063



2C2E30



004070



0089F0



# Inverse Universe

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



634E5A



806072



63614E



302C2E



700040

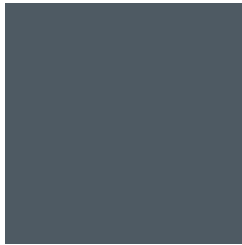


F00089



# Previews

## White Background



This preview shows how the Hex color 4E5A63 looks on a white background.

## Color Contrast Check

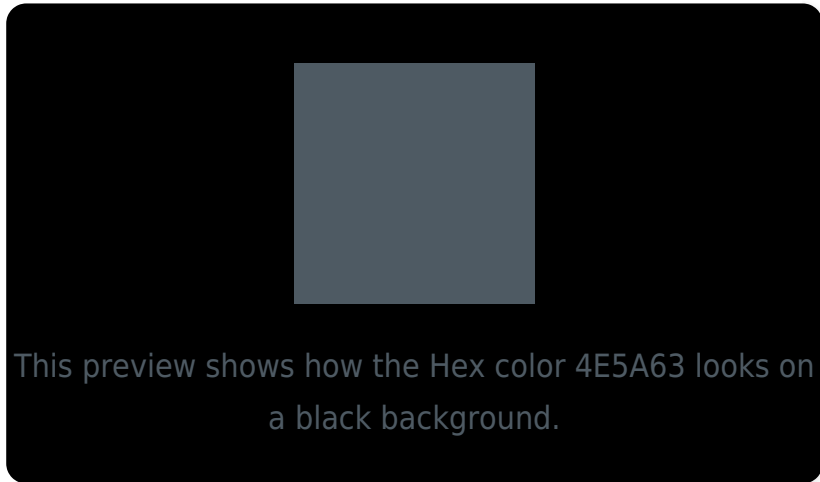
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

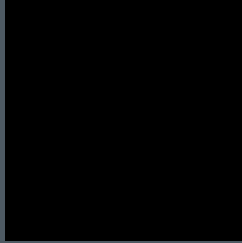
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

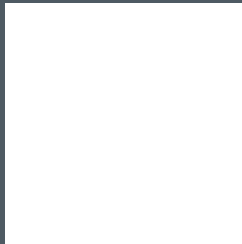
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E5A63 Background



This preview shows how black text looks on a background with the Hex color 4E5A63.



This preview shows how white text looks on a background with the Hex color 4E5A63.

# 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**

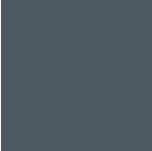
4E5A63

**Protanopia**

575861

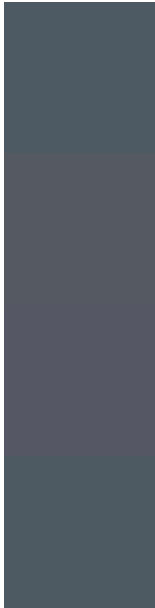
**Deuteranopia**

5B5664



**Tritanopia**  
4E5A61

# Trichromacy



**Original Color**  
4E5A63

**Protanomaly**  
545962

**Deuteranomaly**  
565764

**Tritanomaly**  
4E5A62

# Monochromacy



**Original Color**  
4E5A63

**Achromatopsia**  
575757

**Achromatomaly**  
54585B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5A63 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 #4E5A63 looks like.

```
.text, #text, p{  
    color:#4E5A63  
}
```

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 #4E5A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A63
}
```

## Border

The CSS property to change the border of an element to Hex 4E5A63 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
#4E5A63 }
```

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

```
.border{ border-color:#4E5A63 }
```

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

Here you see how a box with a 4 pixel #4E5A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A63; -webkit-box-shadow:4px 4px  
4px 4px #4E5A63; box-shadow:4px 4px 4px  
4px #4E5A63 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A63 }
```

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

```
.background{ background-color:#4E5A63 }
```

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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