

# Converting Colors

Hex(4E5854)

Have a look what the booklet for  
Hex(4E5854) contains.

<b>Hex(4E5854)</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(4E5854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E5854
RGB	78, 88, 84
RGB Percent	31%, 35%, 33%
CMY	0.6941, 0.6549, 0.6706
CMYK	0.11, 0.00, 0.05, 0.65
HSL	156°, 6%, 33%
HSV	156°, 11%, 35%
XYZ	8.2318, 9.2392, 9.7370
YIQ	84.5540, -4.6760, -3.3640

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	78, 84, 88
Decimal	5134420
CIE Lab	36.44, -4.82, 0.98
CIE LCh	36, 4.917, 168.527
Yxy	9.2392, 0.3026, 0.3396
Android (android.graphics.Color)	4283324500 (0xFF4E5854)
YUV	84.5540, -0.2731, -5.7479
Hunter-Lab	30.3961, -4.8520, 2.2845

# Details

The Hex color **4E5854** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584E52**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7F8A85**, and **222B27** is the 20% darker color. If you saturate the color by 10%, you get **455850**, and if you desaturate by 10%, it is **575858**.

# Distribution



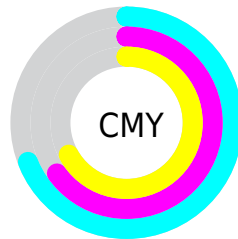
- Red (31%)
- Green (35%)
- Blue (33%)



- Red (31%)
- Yellow (33%)
- Blue (35%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (65%)



- Cyan (69%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5854 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 4E5854 by changing the saturation by 10% instead.





4E5854



4E5854

FFFFFF



37413D



7F8A85



222B27



99A4A0



0C1613



B4BFBB



000000



CFDBD6



ECF8F3



4E5854



4E5854



455850



575858



3C584D



60585B

■ 345849

■ 68585F

■ 2B5846

■ 715862

■ 225842

■ 7A5866

■ 19583F

■ 835869

■ 10583B

■ 8C586D

■ 085838

■ 945870

■ 005835

■ 9D5874

# Harmonies

## Analogous

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



525750



4E5854



4C5858

# Triad

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



4E5854



55555D



5E5450

# Complementary

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



4E5854



584E52

# 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.



5E5353



4E5854



59545B

# Square

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



4E5854



50575D



5D5357



5B554E

# Rectangle

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



4E5854



4C585A



5D5357



5E5351



# Sweetspot

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



4E5854



6F7371



52584E



383B3A



BABABA



3B3B3B



# Same Dimension

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



4E5854



63736C



4E5758



272B2A



006B40



00EB8D



# Inverse Universe

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



584E52



736369



584F4E



2B2729



6B002B



EB005E



# Previews

## White Background



This preview shows how the Hex color 4E5854 looks on a white background.

## Color Contrast Check

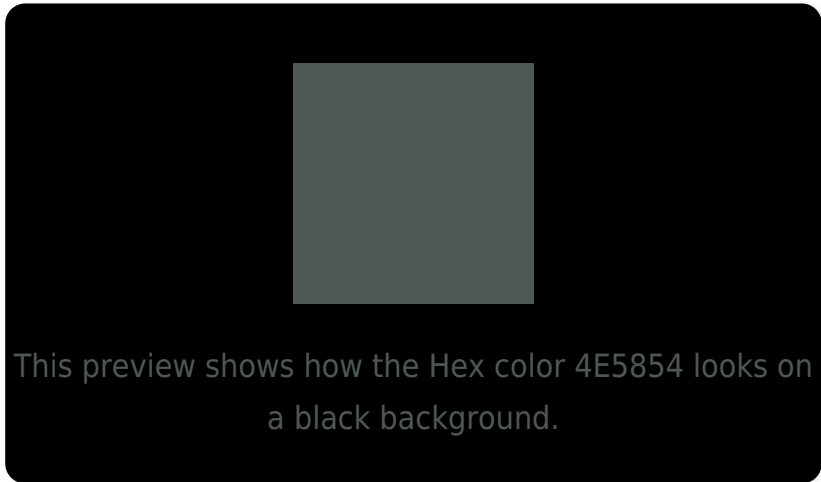
Large Text (above 18pt) WCAG AA ✓ Pass

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

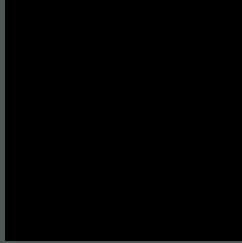
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E5854 Background



This preview shows how black text looks on a background with the Hex color 4E5854.



This preview shows how white text looks on a background with the Hex color 4E5854.

# 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



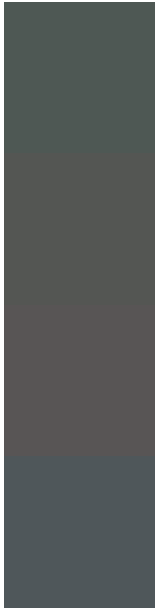
**Original Color**  
4E5854

**Protanopia**  
585552

**Deuteranopia**  
5E5355



# Trichromacy



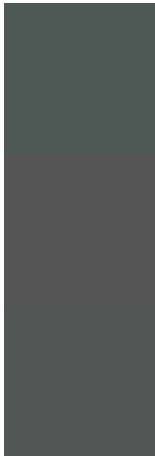
**Original Color**  
4E5854

**Protanomaly**  
545653

**Deuteranomaly**  
585555

**Tritanomaly**  
4F575A

# Monochromacy



**Original Color**  
4E5854

**Achromatopsia**  
555555

**Achromatomaly**  
525655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5854 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 #4E5854 looks like.

```
.text, #text, p{  
    color:#4E5854  
}
```

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 #4E5854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5854
}
```

## Border

The CSS property to change the border of an element to Hex 4E5854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

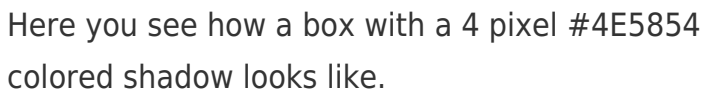
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5854 }
```

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

```
.border{ border-color:#4E5854 }
```

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



Here you see how a box with a 4 pixel #4E5854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5854; -webkit-box-shadow:4px 4px  
4px 4px #4E5854; box-shadow:4px 4px 4px  
4px #4E5854 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5854 }
```

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

```
.background{ background-color:#4E5854 }
```

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