

Converting Colors

Hex(4E5A58)

Have a look what the booklet for
Hex(4E5A58) contains.

Hex(4E5A58)	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(4E5A58)

Conversions

Conversions Part 1

Format	Color
Hex	4E5A58
RGB	78, 90, 88
RGB Percent	31%, 35%, 35%
CMY	0.6941, 0.6471, 0.6549
CMYK	0.13, 0.00, 0.02, 0.65
HSL	170°, 7%, 33%
HSV	170°, 13%, 35%
XYZ	8.5595, 9.6366, 10.6414
YIQ	86.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

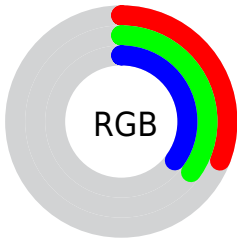
Format	Color
R_{YB}	78, 85, 90
Decimal	5134936
CIE _{Lab}	37.18, -5.12, -0.43
CIE _{LCh}	37, 5.135, 184.819
Yxy	9.6366, 0.2968, 0.3342
Android (android.graphics.Color)	4283325016 (0xFF4E5A58)
YUV	86.1840, 0.8953, -7.1774
Hunter-Lab	31.0429, -5.1070, 1.4055

Details

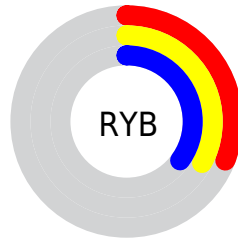
The Hex color **4E5A58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A4E50**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7F8C8A**, and **222C2B** is the 20% darker color. If you saturate the color by 10%, you get **455A56**, and if you desaturate by 10%, it is **575A5A**.

Distribution



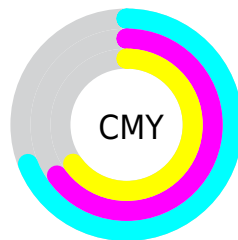
- Red (31%)
- Green (35%)
- Blue (35%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A58 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 4E5A58 by changing the saturation by 10% instead.



4E5A58



4E5A58

FFFFFF



374341



7F8C8A



222C2B



99A6A4



0C1816



B4C2BF



000000



CFDDDB



ECFAF7



4E5A58



4E5A58



455A56



575A5A



3C5A55



605A5B

■ 335A53

■ 695A5D

■ 2A5A52

■ 725A5E

■ 215A50

■ 7B5A60

■ 185A4F

■ 845A61

■ 0F5A4D

■ 8D5A63

■ 065A4C

■ 965A64

■ 005A4B

■ 9F5A66

Harmonies

Analogous

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



515A54



4E5A58



4D5A5C

Triad

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



4E5A58



59565E



5E5650

Complementary

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



4E5A58



5A4E50

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.



605553



4E5A58



5E555B

Square

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



4E5A58



545860



605557



5A574F

Rectangle

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



4E5A58



4F595E



605557



5F5651

Sweetspot

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



4E5A58



717575



505A4E



383B3A



BABABA



3B3B3B

Same Dimension

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



4E5A58



637572



4E565A



292E2D



006E5B



00EDC6

Inverse Universe

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



5A4E50



756366



5A524E



2E292A



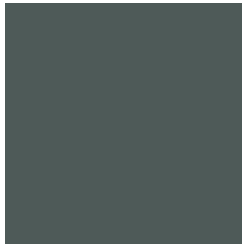
6E0012



ED0028

Previews

White Background



This preview shows how the Hex color 4E5A58 looks on a white background.

Color Contrast Check

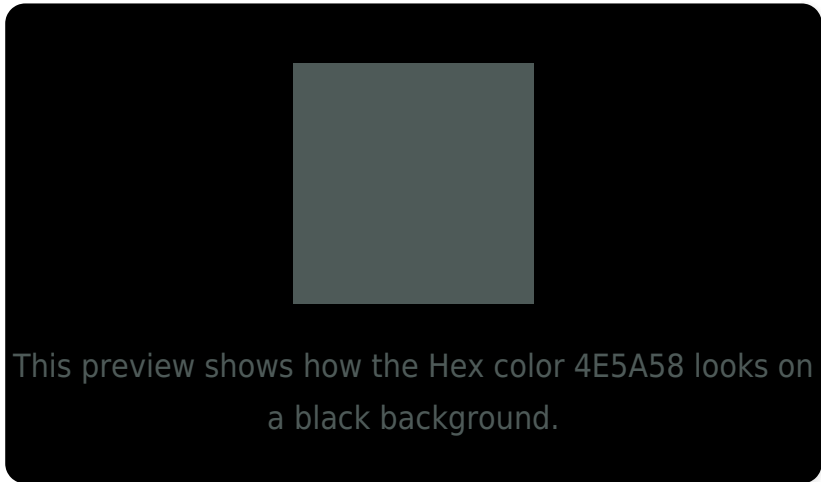
Large Text (above 18pt) WCAG AA ✓ Pass

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

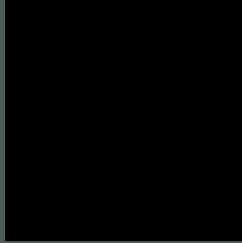
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

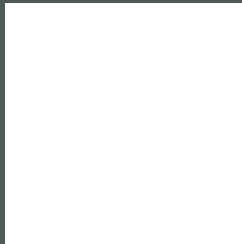
Any Text WCAG AAA × Fail

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

Hex 4E5A58 Background



This preview shows how black text looks on a background with the Hex color 4E5A58.

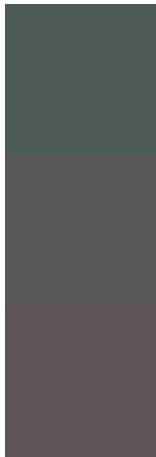


This preview shows how white text looks on a background with the Hex color 4E5A58.

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
4E5A58

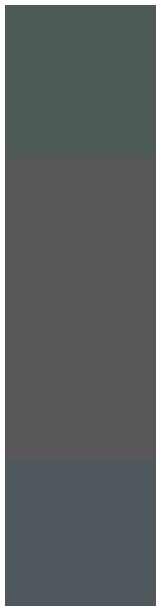
Protanopia
595756

Deuteranopia
5F5559



Tritanopia
4F5960

Trichromacy



Original Color

4E5A58

Protanomaly

555857

Deuteranomaly

595759

Tritanomaly

4F595D

Monochromacy



Original Color

4E5A58

Achromatopsia

565656

Achromatomaly

535757

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5A58 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 #4E5A58 looks like.

```
.text, #text, p{  
    color:#4E5A58  
}
```

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 #4E5A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A58
}
```

Border

The CSS property to change the border of an element to Hex 4E5A58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

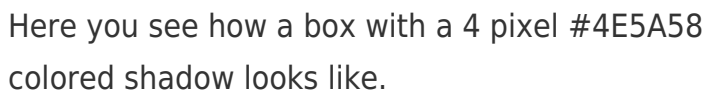
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5A58 }
```

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

```
.border{ border-color:#4E5A58 }
```

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



Here you see how a box with a 4 pixel #4E5A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A58; -webkit-box-shadow:4px 4px  
4px 4px #4E5A58; box-shadow:4px 4px 4px  
4px #4E5A58 }
```

Background

The CSS property to change the background color of an element to Hex 4E5A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A58 }
```

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

```
.background{ background-color:#4E5A58 }
```

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