

Converting Colors

Hex(4E5E47)

Have a look what the booklet for
Hex(4E5E47) contains.

Hex(4E5E47)	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(4E5E47)

Conversions

Conversions Part 1

Format	Color
Hex	4E5E47
RGB	78, 94, 71
RGB Percent	31%, 37%, 28%
CMY	0.6941, 0.6314, 0.7216
CMYK	0.17, 0.00, 0.24, 0.63
HSL	102°, 14%, 32%
HSV	102°, 24%, 37%
XYZ	8.2819, 10.0800, 7.4704
YIQ	86.5940, -2.1530, -10.5450

Conversions

Conversions Part 2

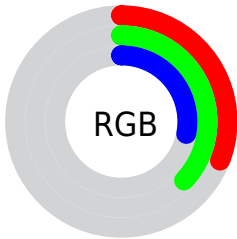
Format	Color
R_{YB}	71, 94, 87
Decimal	5135943
CIE _{Lab}	37.99, -11.03, 11.20
CIE _{LCh}	38, 15.721, 134.555
Yxy	10.0800, 0.3206, 0.3902
Android (android.graphics.Color)	4283326023 (0xFF4E5E47)
YUV	86.5940, -7.6878, -7.5369
Hunter-Lab	31.7491, -8.9982, 8.2738

Details

The Hex color **4E5E47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57475E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F9077**, and **21301B** is the 20% darker color. If you saturate the color by 10%, you get **475E3E**, and if you desaturate by 10%, it is **555E50**.

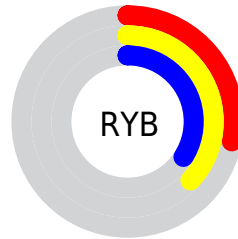
Distribution



Red (31%)

Green (37%)

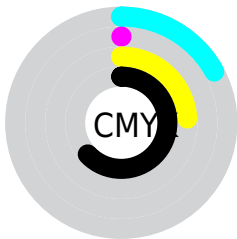
Blue (28%)



Red (28%)

Yellow (37%)

Blue (34%)

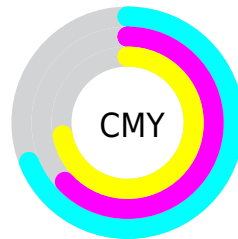


Cyan (17%)

Magenta (0%)

Yellow (24%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5E47 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 4E5E47 by changing the saturation by 10% instead.



4E5E47



4E5E47

FFFFFF



374631



7F9077



21301B



99AB91



0D1B01



B4C6AC



000000



D0E2C7



ECFFE3



4E5E47



4E5E47



475E3E



555E50



415E34



5B5E5A

■ 3A5E2B

■ 625E63

■ 345E21

■ 685E6D

■ 2D5E18

■ 6F5E76

■ 275E0F

■ 755E7F

■ 205E05

■ 7C5E89

■ 1D5E00

■ 825E92

■ 895E9C

Harmonies

Analogous

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



5C5B41



4E5E47



406052

Triad

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



4E5E47



415D72



735054

Complementary

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



4E5E47



57475E

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.



6F5161



4E5E47



525872

Square

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



4E5E47



355F6B



63546C



715248

Rectangle

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



4E5E47



38615B



63546C



735058

Sweetspot

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



4E5E47



747A72



5E5747



3A3D38



BDBDBD



3D3D3D

Same Dimension

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



4E5E47



627A57



475E4B



2B2E29



216E00



48ED00

Inverse Universe

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



57475E



70577A



5E475A



2D292E



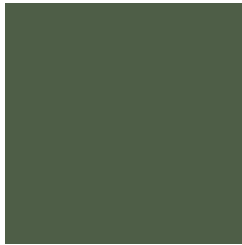
4C006E



A500ED

Previews

White Background



This preview shows how the Hex color 4E5E47 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

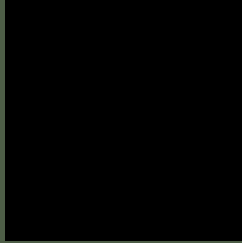
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

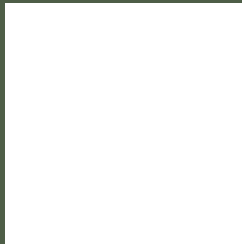
Any Text WCAG AAA × Fail

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

Hex 4E5E47 Background



This preview shows how black text looks on a background with the Hex color 4E5E47.



This preview shows how white text looks on a background with the Hex color 4E5E47.

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](#).

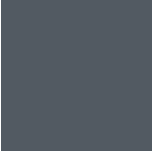
Dichromacy



Original Color
4E5E47

Protanopia
5F5945

Deuteranopia
685649



Tritanopia
525A62

Trichromacy



Original Color
4E5E47

Protanomaly
595B46

Deuteranomaly
5F5948

Tritanomaly
515B58

Monochromacy



Original Color
4E5E47

Achromatopsia
575757

Achromatomaly
545A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5E47 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 #4E5E47 looks like.

```
.text, #text, p{  
    color:#4E5E47  
}
```

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 #4E5E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5E47  
}
```

Border

The CSS property to change the border of an element to Hex 4E5E47 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  
#4E5E47 }
```

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

```
.border{ border-color:#4E5E47 }
```

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

Here you see how a box with a 4 pixel #4E5E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5E47; -webkit-box-shadow:4px 4px  
4px 4px #4E5E47; box-shadow:4px 4px 4px  
4px #4E5E47 }
```

Background

The CSS property to change the background color of an element to Hex 4E5E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5E47 }
```

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

```
.background{ background-color:#4E5E47 }
```

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