

Converting Colors

Hex(4E5144)

Have a look what the booklet for
Hex(4E5144) contains.

Hex(4E5144)	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(4E5144)

Conversions

Conversions Part 1

Format	Color
Hex	4E5144
RGB	78, 81, 68
RGB Percent	31%, 32%, 27%
CMY	0.6941, 0.6824, 0.7333
CMYK	0.04, 0.00, 0.16, 0.68
HSL	74°, 9%, 29%
HSV	74°, 16%, 32%
XYZ	7.1277, 7.9219, 6.6223
YIQ	78.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

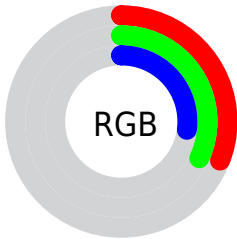
Format	Color
RYB	68, 81, 71
Decimal	5132612
CIELab	33.82, -3.89, 7.24
CIELCh	34, 8.222, 118.238
Yxy	7.9219, 0.3289, 0.3655
Android (android.graphics.Color)	4283322692 (0xFF4E5144)
YUV	78.6210, -5.2362, -0.5446
Hunter-Lab	28.1459, -4.0518, 5.7522

Details

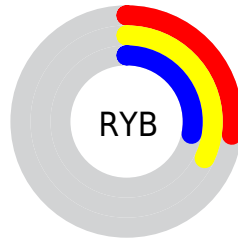
The Hex color **4E5144** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **474451**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7F8274**, and **222519** is the 20% darker color. If you saturate the color by 10%, you get **4C513C**, and if you desaturate by 10%, it is **50514C**.

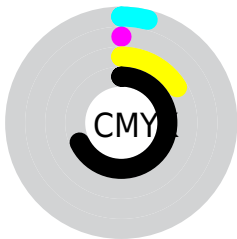
Distribution



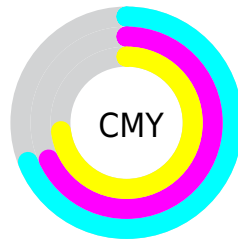
- Red (31%)
- Green (32%)
- Blue (27%)



- Red (27%)
- Yellow (32%)
- Blue (28%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (68%)



- Cyan (69%)
- Magenta (68%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5144 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 4E5144 by changing the saturation by 10% instead.



4E5144



4E5144

FFFFFF



373A2E



7F8274



222519



999C8E



0B0F00



B4B7A8



000000



CFD3C3



ECEFDF

FFFFFFC



4E5144



4E5144



4C513C



50514C

■ 4A5134

■ 525154

■ 48512C

■ 54515C

■ 475124

■ 555164

■ 45511C

■ 57516D

■ 435113

■ 595175

■ 41510B

■ 5B517D

■ 3F5103

■ 5D5185

■ 3E5100

■ 5F518D

Harmonies

Analogous

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



554F43



4E5144



475348

Triad

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



4E5144



41525A



5C4B50

Complementary

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



4E5144



474451

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.



584C56



4E5144



48505C

Square

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



4E5144



3F5355



504E5B



5D4B4A

Rectangle

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



4E5144



42534D



504E5B



5B4B52

Sweetspot

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



4E5144



676963



514744



353632



B5B5B5



363636

Same Dimension

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



4E5144



646955



485144



282925



506900



B3E800

Inverse Universe

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



474451



595569



4D4451



262529



180069



3600E8

Previews

White Background



This preview shows how the Hex color 4E5144 looks on a white background.

Color Contrast Check

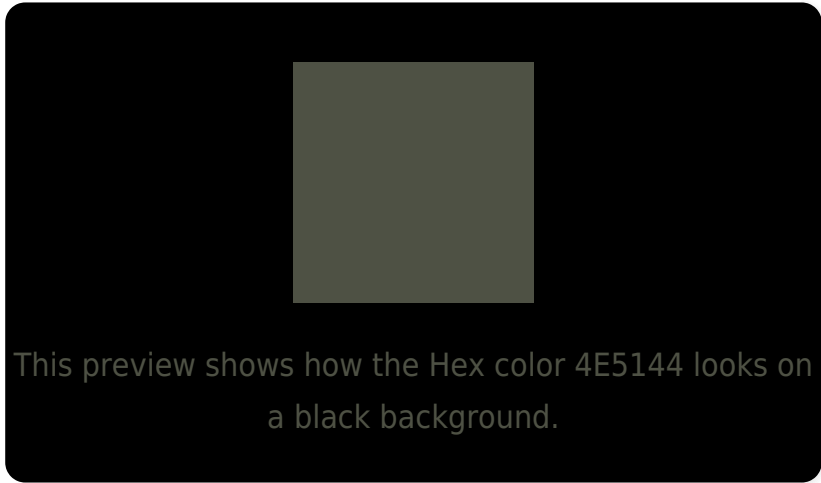
Large Text (above 18pt) WCAG AA ✓ Pass

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

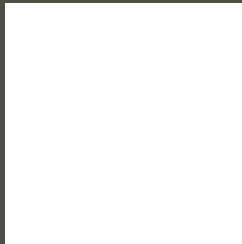
Any Text WCAG AAA × Fail

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

Hex 4E5144 Background



This preview shows how black text looks on a background with the Hex color 4E5144.

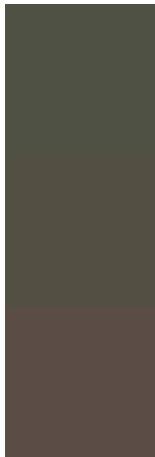


This preview shows how white text looks on a background with the Hex color 4E5144.

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
4E5144

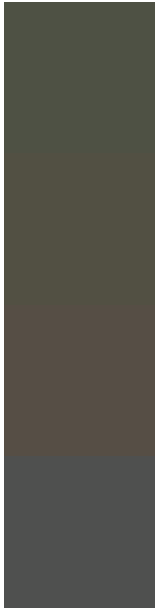
Protanopia
544F43

Deuteranopia
5B4D45



Tritanopia
504F55

Trichromacy



Original Color

4E5144

Protanomaly

525043

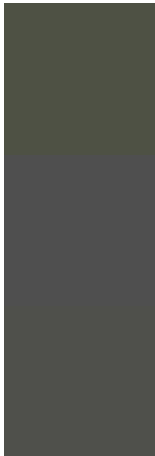
Deuteranomaly

564E45

Tritanomaly

4F504F

Monochromacy



Original Color

4E5144

Achromatopsia

4F4F4F

Achromatomaly

4F504B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5144 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 #4E5144 looks like.

```
.text, #text, p{  
    color:#4E5144  
}
```

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 #4E5144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5144
}
```

Border

The CSS property to change the border of an element to Hex 4E5144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

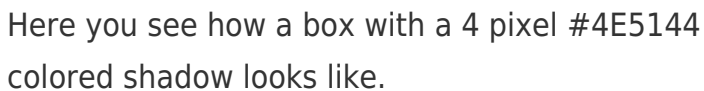
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5144 }
```

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

```
.border{ border-color:#4E5144 }
```

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



Here you see how a box with a 4 pixel #4E5144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5144; -webkit-box-shadow:4px 4px  
4px 4px #4E5144; box-shadow:4px 4px 4px  
4px #4E5144 }
```

Background

The CSS property to change the background color of an element to Hex 4E5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5144 }
```

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

```
.background{ background-color:#4E5144 }
```

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