

Converting Colors

Hex(454E45)

Have a look what the booklet for
Hex(454E45) contains.

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Color

Hex(454E45)

Conversions

Conversions Part 1

Format	Color
Hex	454E45
RGB	69, 78, 69
RGB Percent	27%, 31%, 27%
CMY	0.7294, 0.6941, 0.7294
CMYK	0.12, 0.00, 0.12, 0.69
HSL	120°, 6%, 29%
HSV	120°, 12%, 31%
XYZ	6.2528, 7.1437, 6.6795
YIQ	74.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

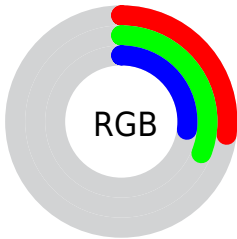
Format	Color
RYB	69, 78, 78
Decimal	4542021
CIELab	32.13, -5.62, 4.11
CIElCh	32, 6.961, 143.842
Yxy	7.1437, 0.3115, 0.3558
Android (android.graphics.Color)	4282732101 (0xFF454E45)
YUV	74.2830, -2.6045, -4.6332
Hunter-Lab	26.7276, -5.0140, 3.8921

Details

The Hex color **454E45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E454E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **757F75**, and **1A221A** is the 20% darker color. If you saturate the color by 10%, you get **3D4E3D**, and if you desaturate by 10%, it is **4D4E4D**.

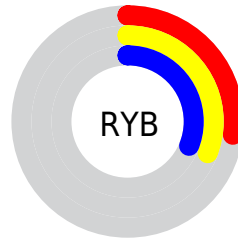
Distribution



Red (27%)

Green (31%)

Blue (27%)



Red (27%)

Yellow (31%)

Blue (31%)

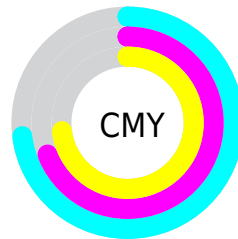


Cyan (12%)

Magenta (0%)

Yellow (12%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454E45 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 454E45 by changing the saturation by 10% instead.



454E45



454E45

FFFFFF



2F372F



757F75



1A221A



8F998F



000C00



A9B4A9



000000



C5CFC4



E1EBE0



FDFFFD



454E45



454E45



3D4E3D



4D4E4D

■ 354E35

■ 554E55

■ 2E4E2E

■ 5C4E5C

■ 264E26

■ 644E64

■ 1E4E1E

■ 6C4E6C

■ 164E16

■ 744E74

■ 0E4E0E

■ 7C4E7C

■ 074E07

■ 834E83

■ 004E00

■ 8B4E8B

Harmonies

Analogous

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



4B4D42



454E45



404F4A

Triad

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



454E45



444C56



574847

Complementary

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



454E45



4E454E

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.



56484D



454E45



4B4B56

Square

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



454E45



3F4E54



524952



564943

Rectangle

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



454E45



3E4F4E



524952



574849

Sweetspot

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



454E45



636663



4E4E45



313331



B3B3B3



333333

Same Dimension

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



454E45



586658



454E4A



222622



006600



00E600

Inverse Universe

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



4E454E



665866



4E454A



262226



660066



E600E6

Previews

White Background



This preview shows how the Hex color 454E45 looks on a white background.

Color Contrast Check

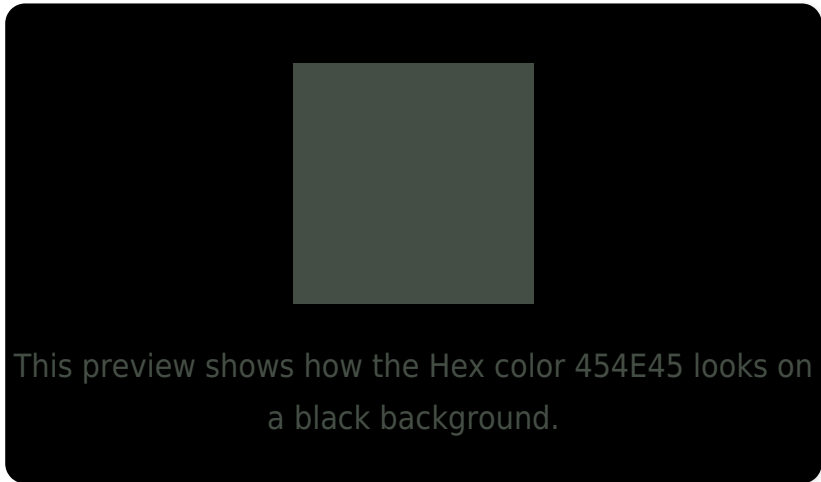
Large Text (above 18pt) WCAG AA ✓ Pass

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

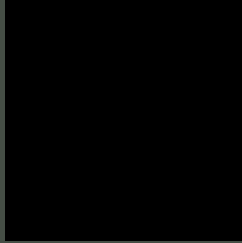
Any Text WCAG AA × Fail

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 454E45 Background



This preview shows how black text looks on a background with the Hex color 454E45.

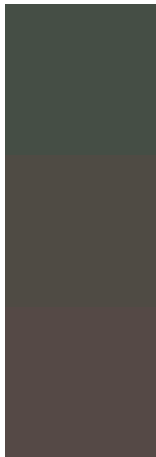


This preview shows how white text looks on a background with the Hex color 454E45.

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
454E45

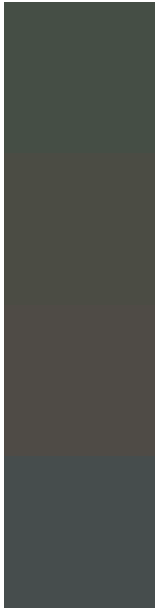
Protanopia
4F4B44

Deuteranopia
554946



Tritanopia
474C52

Trichromacy



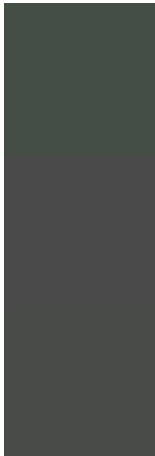
Original Color
454E45

Protanomaly
4B4C44

Deuteranomaly
4F4B46

Tritanomaly
464D4D

Monochromacy



Original Color
454E45

Achromatopsia
4A4A4A

Achromatomaly
484B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 454E45 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 #454E45 looks like.

```
.text, #text, p{  
    color:#454E45  
}
```

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 #454E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454E45
}
```

Border

The CSS property to change the border of an element to Hex 454E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

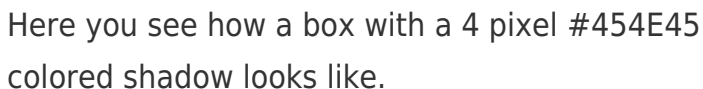
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454E45 }
```

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

```
.border{ border-color:#454E45 }
```

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



Here you see how a box with a 4 pixel #454E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454E45; -webkit-box-shadow:4px 4px  
4px 4px #454E45; box-shadow:4px 4px 4px  
4px #454E45 }
```

Background

The CSS property to change the background color of an element to Hex 454E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454E45 }
```

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

```
.background{ background-color:#454E45 }
```

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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