

Converting Colors

Hex(464E41)

Have a look what the booklet for
Hex(464E41) contains.

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Color

Hex(464E41)

Conversions

Conversions Part 1

Format	Color
Hex	464E41
RGB	70, 78, 65
RGB Percent	27%, 31%, 25%
CMY	0.7255, 0.6941, 0.7451
CMYK	0.10, 0.00, 0.17, 0.69
HSL	97°, 9%, 28%
HSV	97°, 17%, 31%
XYZ	6.2043, 7.1325, 6.0507
YIQ	74.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

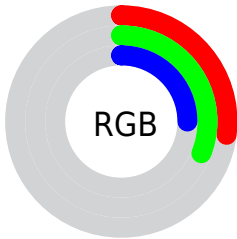
Format	Color
RYB	65, 78, 73
Decimal	4607553
CIELab	32.11, -6.04, 6.62
CIElCh	32, 8.959, 132.352
Yxy	7.1325, 0.3200, 0.3679
Android (android.graphics.Color)	4282797633 (0xFF464E41)
YUV	74.1260, -4.4991, -3.6185
Hunter-Lab	26.7068, -5.2692, 5.2619

Details

The Hex color **464E41** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49414E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **767F71**, and **1B2216** is the 20% darker color. If you saturate the color by 10%, you get **414E39**, and if you desaturate by 10%, it is **4B4E49**.

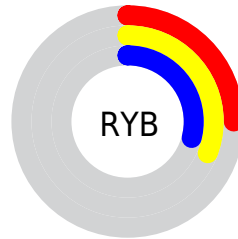
Distribution



Red (27%)

Green (31%)

Blue (25%)



Red (25%)

Yellow (31%)

Blue (29%)

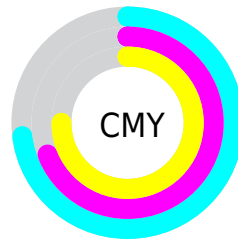


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464E41 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 464E41 by changing the saturation by 10% instead.



464E41



464E41

FFFFFF



30372B



767F71



1B2216



90998A



000C00



ABB4A5



000000



C6CFC0



E2EBDB



FEFFF8



464E41



464E41



414E39



4B4E49

■ 3C4E31

■ 504E51

■ 384E2A

■ 544E58

■ 334E22

■ 594E60

■ 2E4E1A

■ 5E4E68

■ 294E12

■ 634E70

■ 244E0A

■ 684E78

■ 204E03

■ 6C4E7F

■ 1E4E00

■ 714E87

Harmonies

Analogous

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



4E4C3E



464E41



3F4F47

Triad

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



464E41



3F4D59



5A4749

Complementary

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



464E41



49414E

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.



574750



464E41



474B59

Square

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



464E41



3A4F55



504956



594842

Rectangle

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



464E41



3B504C



504956



5A474B

Sweetspot

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



464E41



636661



4E4941



313330



B3B3B3



333333

Same Dimension

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



464E41



596652



414E42



242622



276600



58E600

Inverse Universe

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



49414E



5E5266



4E414D



252226



3F0066



8D00E6

Previews

White Background



This preview shows how the Hex color 464E41 looks on a white background.

Color Contrast Check

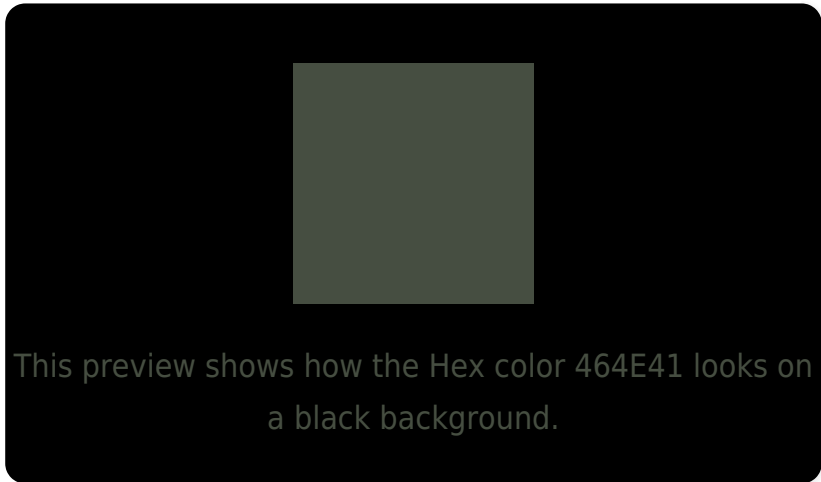
Large Text (above 18pt) WCAG AA ✓ Pass

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

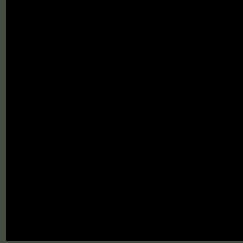
Any Text WCAG AA × Fail

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 464E41 Background



This preview shows how black text looks on a background with the Hex color 464E41.

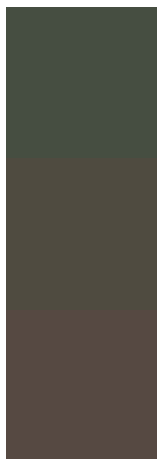


This preview shows how white text looks on a background with the Hex color 464E41.

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

464E41

Protanopia

4F4B40

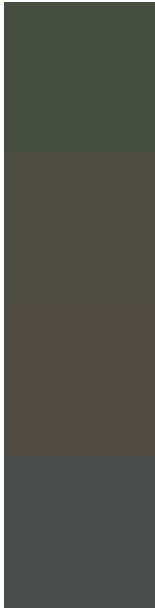
Deuteranopia

564942



Tritanopia
494C52

Trichromacy



Original Color

464E41

Protanomaly

4C4C40

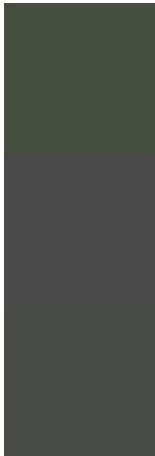
Deuteranomaly

504B42

Tritanomaly

484D4C

Monochromacy



Original Color

464E41

Achromatopsia

4A4A4A

Achromatomaly

494B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 464E41 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 #464E41 looks like.

```
.text, #text, p{  
    color:#464E41  
}
```

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 #464E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464E41  
}
```

Border

The CSS property to change the border of an element to Hex 464E41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

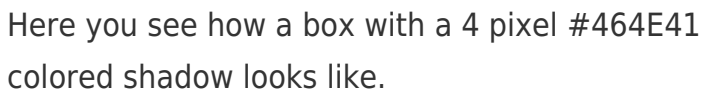
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#464E41 }
```

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

```
.border{ border-color:#464E41 }
```

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



Here you see how a box with a 4 pixel #464E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464E41; -webkit-box-shadow:4px 4px  
4px 4px #464E41; box-shadow:4px 4px 4px  
4px #464E41 }
```

Background

The CSS property to change the background color of an element to Hex 464E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464E41 }
```

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

```
.background{ background-color:#464E41 }
```

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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