

Converting Colors

Hex(465E52)

Have a look what the booklet for
Hex(465E52) contains.

Hex(465E52)	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(465E52)

Conversions

Conversions Part 1

Format	Color
Hex	465E52
RGB	70, 94, 82
RGB Percent	27%, 37%, 32%
CMY	0.7255, 0.6314, 0.6784
CMYK	0.26, 0.00, 0.13, 0.63
HSL	150°, 15%, 32%
HSV	150°, 26%, 37%
XYZ	8.0515, 9.9167, 9.4724
YIQ	85.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

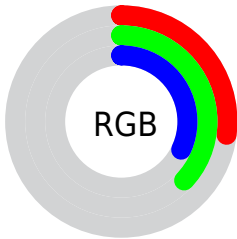
Format	Color
R_{YB}	70, 86, 94
Decimal	4611666
CIE _{Lab}	37.69, -11.84, 3.95
CIE _{LCh}	38, 12.484, 161.537
Yxy	9.9167, 0.2934, 0.3614
Android (android.graphics.Color)	4282801746 (0xFF465E52)
YUV	85.4560, -1.7038, -13.5549
Hunter-Lab	31.4908, -9.4705, 4.2092

Details

The Hex color **465E52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4652**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **779083**, and **1A3025** is the 20% darker color. If you saturate the color by 10%, you get **3D5E4D**, and if you desaturate by 10%, it is **4F5E57**.

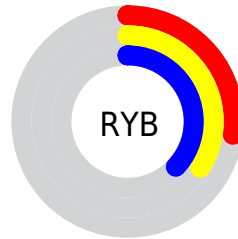
Distribution



 Red (27%)

 Green (37%)

 Blue (32%)




 Red (27%)

 Yellow (34%)

 Blue (37%)

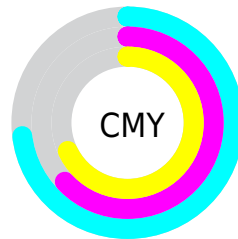


 Cyan (26%)

 Magenta (0%)

 Yellow (13%)

 Black (63%)



 Cyan (73%)

 Magenta (63%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465E52 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 465E52 by changing the saturation by 10% instead.



465E52



465E52

FFFFFF



2F463B



779083



1A3025



91AB9D



021B11



ABC6B8



000000



C7E2D4



E3FFF0



465E52



465E52



3D5E4D



4F5E57



335E49



595E5B

■ 2A5E44

■ 625E60

■ 205E3F

■ 6C5E65

■ 175E3B

■ 755E6A

■ 0E5E36

■ 7E5E6E

■ 045E31

■ 885E73

■ 005E2F

■ 915E78

■ 9B5E7C

Harmonies

Analogous

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



515C49



465E52



3E5F5C

Triad

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



465E52



52586C



6C534C

Complementary

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



465E52



5E4652

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.



6E5255



465E52



5F5568

Square

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



465E52



455B6C



69525F



665646

Rectangle

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



465E52



3D5E63



69525F



6D524F

Sweetspot

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



465E52



717A76



525E46



373D3A



BDBDBD



3D3D3D

Same Dimension

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



465E52



547A67



465E5E



292E2C



006E37



00ED77

Inverse Universe

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



5E4652



7A5467



5E4646



2E292C



6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 465E52 looks on a white background.

Color Contrast Check

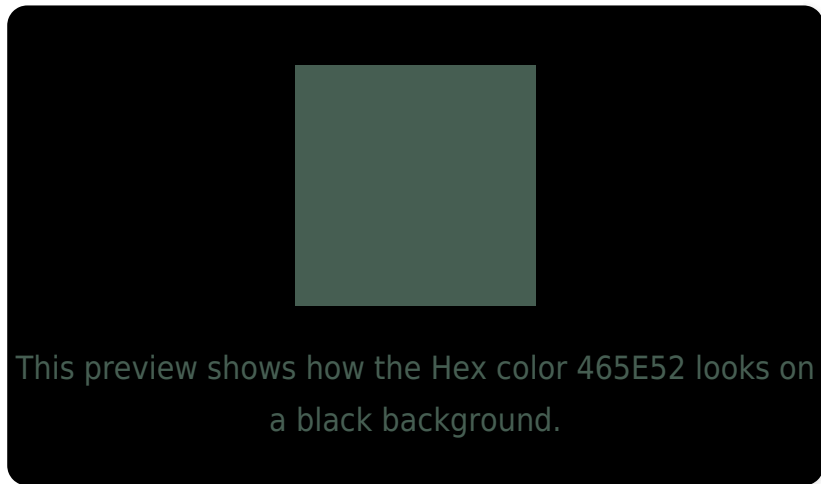
Large Text (above 18pt) WCAG AA ✓ Pass

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

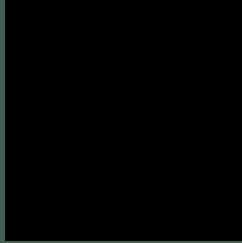
Any Text WCAG AA × Fail

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 465E52 Background



This preview shows how black text looks on a background with the Hex color 465E52.



This preview shows how white text looks on a background with the Hex color 465E52.

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](#).

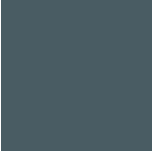
Dichromacy



Original Color
465E52

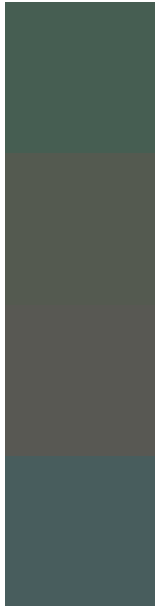
Protanopia
5C584F

Deuteranopia
635554



Tritanopia
495C63

Trichromacy



Original Color
465E52

Protanomaly
545A50

Deuteranomaly
585853

Tritanomaly
485D5D

Monochromacy



Original Color
465E52

Achromatopsia
555555

Achromatomaly
505854

CSS Examples

Text

The CSS property to change the color of the text to Hex 465E52 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 #465E52 looks like.

```
.text, #text, p{  
    color:#465E52  
}
```

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 #465E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465E52
}
```

Border

The CSS property to change the border of an element to Hex 465E52 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
#465E52 }
```

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

```
.border{ border-color:#465E52 }
```

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

Here you see how a box with a 4 pixel #465E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465E52; -webkit-box-shadow:4px 4px  
4px 4px #465E52; box-shadow:4px 4px 4px  
4px #465E52 }
```

Background

The CSS property to change the background color of an element to Hex 465E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465E52 }
```

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

```
.background{ background-color:#465E52 }
```

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