

Converting Colors

Hex(465755)

Have a look what the booklet for
Hex(465755) contains.

Hex(465755)	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(465755)

Conversions

Conversions Part 1

Format	Color
Hex	465755
RGB	70, 87, 85
RGB Percent	27%, 34%, 33%
CMY	0.7255, 0.6588, 0.6667
CMYK	0.20, 0.00, 0.02, 0.66
HSL	173°, 11%, 31%
HSV	173°, 20%, 34%
XYZ	7.5737, 8.7744, 9.8888
YIQ	81.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

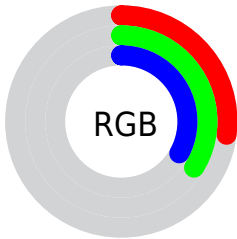
Format	Color
R_{YB}	70, 79, 87
Decimal	4609877
CIE Lab	35.55, -7.02, -1.03
CIE LCh	36, 7.098, 188.318
Yxy	8.7744, 0.2887, 0.3344
Android (android.graphics.Color)	4282799957 (0xFF465755)
YUV	81.6890, 1.6323, -10.2513
Hunter-Lab	29.6215, -6.1986, 0.9419

Details

The Hex color **465755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574648**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **778987**, and **1A2A28** is the 20% darker color. If you saturate the color by 10%, you get **3D5754**, and if you desaturate by 10%, it is **4F5756**.

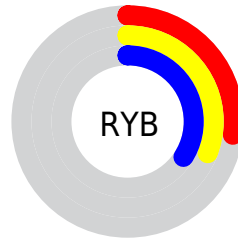
Distribution



Red (27%)

Green (34%)

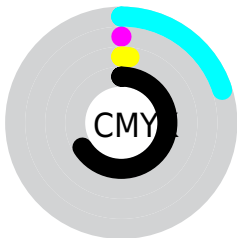
Blue (33%)



Red (27%)

Yellow (31%)

Blue (34%)

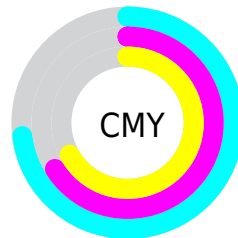


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465755 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 465755 by changing the saturation by 10% instead.



465755



465755

FFFFFF



2F403E



778987



1A2A28



90A3A1



011614



ABBEBC



000000



C6DAD7



E2F6F4



465755



465755



3D5754



4F5756



355753



575757

■ 2C5752

■ 605758

■ 235751

■ 695759

■ 1B5750

■ 72575A

■ 12574F

■ 7A575B

■ 09574E

■ 83575C

■ 00574D

■ 8C575D

■ 94575E

Harmonies

Analogous

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



4A574F



465755



46575A

Triad

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



465755



57525C



5C5249

Complementary

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



465755



574648

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.



5F504D



465755



5C5058

Square

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



465755



50545F



605052



575448

Rectangle

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



465755



48565D



605052



5D514A

Sweetspot

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



465755



69706F



485746



343838



B8B8B8



383838

Same Dimension

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



465755



56706D



465157



272B2B



006B5E



00EBCF

Inverse Universe

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



574648



705659



574C46



2B2728



6B000D



EB001C

Previews

White Background



This preview shows how the Hex color 465755 looks on a white background.

Color Contrast Check

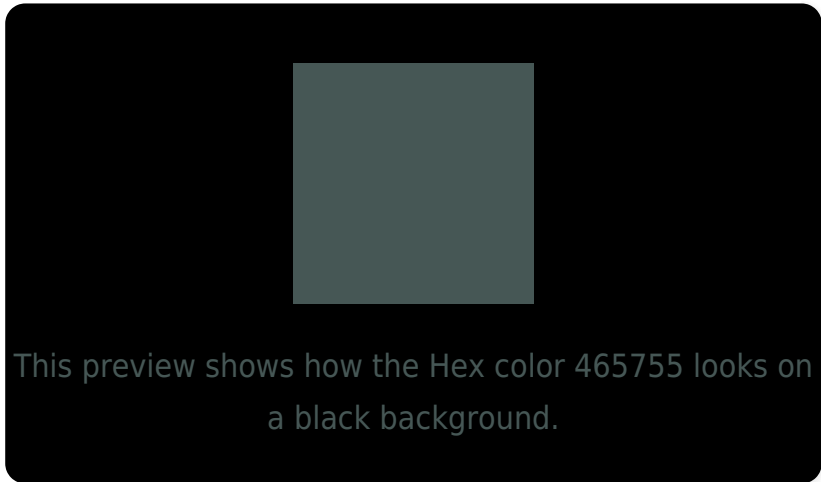
Large Text (above 18pt) WCAG AA ✓ Pass

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

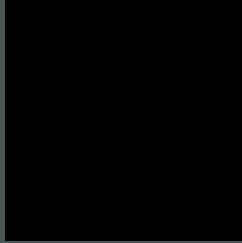
Any Text WCAG AA × Fail

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 465755 Background



This preview shows how black text looks on a background with the Hex color 465755.



This preview shows how white text looks on a background with the Hex color 465755.

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](#).

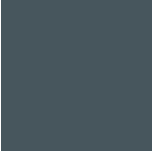
Dichromacy



Original Color
465755

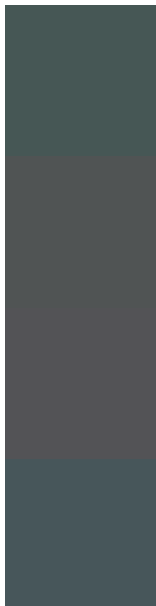
Protanopia
553353

Deuteranopia
5A5156



Tritanopia
47565D

Trichromacy



Original Color

465755

Protanomaly

505454

Deuteranomaly

535356

Tritanomaly

47565A

Monochromacy



Original Color

465755

Achromatopsia

525252

Achromatomaly

4E5453

CSS Examples

Text

The CSS property to change the color of the text to Hex 465755 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 #465755 looks like.

```
.text, #text, p{  
    color:#465755  
}
```

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 #465755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465755
}
```

Border

The CSS property to change the border of an element to Hex 465755 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
#465755 }
```

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

```
.border{ border-color:#465755 }
```

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

Here you see how a box with a 4 pixel #465755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465755; -webkit-box-shadow:4px 4px  
4px 4px #465755; box-shadow:4px 4px 4px  
4px #465755 }
```

Background

The CSS property to change the background color of an element to Hex 465755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465755 }
```

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

```
.background{ background-color:#465755 }
```

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