

Converting Colors

Hex(467455)

Have a look what the booklet for
Hex(467455) contains.

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Color

Hex(467455)

Conversions

Conversions Part 1

Format	Color
Hex	467455
RGB	70, 116, 85
RGB Percent	27%, 45%, 33%
CMY	0.7255, 0.5451, 0.6667
CMYK	0.40, 0.00, 0.27, 0.55
HSL	140°, 25%, 36%
HSV	140°, 40%, 45%
XYZ	10.4109, 14.4488, 10.8345
YIQ	98.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

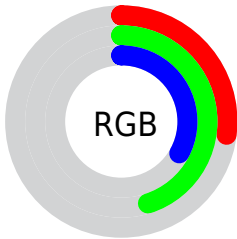
Format	Color
R_{YB}	70, 105, 116
Decimal	4617301
CIE _{Lab}	44.87, -23.14, 12.27
CIE _{LCh}	45, 26.189, 152.064
Yxy	14.4488, 0.2917, 0.4048
Android (android.graphics.Color)	4282807381 (0xFF467455)
YUV	98.7120, -6.7600, -25.1804
Hunter-Lab	38.0115, -17.6313, 9.7085

Details

The Hex color **467455** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **744665**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **78A887**, and **154328** is the 20% darker color. If you saturate the color by 10%, you get **3A744D**, and if you desaturate by 10%, it is **52745D**.

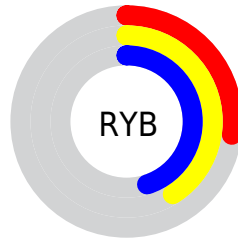
Distribution



Red (27%)

Green (45%)

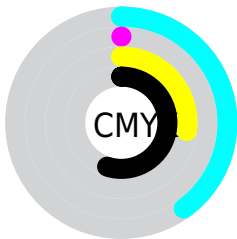
Blue (33%)



Red (27%)

Yellow (41%)

Blue (45%)

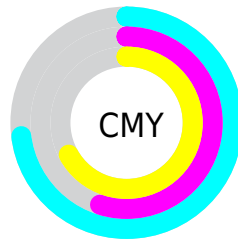


Cyan (40%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467455 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 467455 by changing the saturation by 10% instead.

 467455

 467455

FFFFFF

 2E5B3E

 78A887

 154328

 93C4A1

 002D13

 AEE0BC

 001A00

 C9FCD8

 000000

 E6FFF4

 467455

 467455

 3A744D

 52745D

 2F7445

 5D7465

■ 23743E

■ 69746C

■ 187436

■ 747474

■ 0C742E

■ 80747C

■ 007426

■ 8C7484

■ 97748C

■ A37494

■ AE749B

Harmonies

Analogous

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



607044



467455



29766B

Triad

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



467455



4D6C95



945B54

Complementary

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



467455



744665

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.



935969



467455



6F648F

Square

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



467455



287290



875D7F



896244

Rectangle

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



467455



16767A



875D7F



955A5B

Sweetspot

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



467455



84968A



657446



424D45



CCCCCC



4D4D4D

Same Dimension

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



467455



4E9666



46746C



353B37



007A28



00FA51

Inverse Universe

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



744665



964E7F



74464E



3B3539



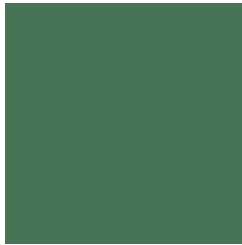
7A0052



FA00A8

Previews

White Background



This preview shows how the Hex color 467455 looks on a white background.

Color Contrast Check

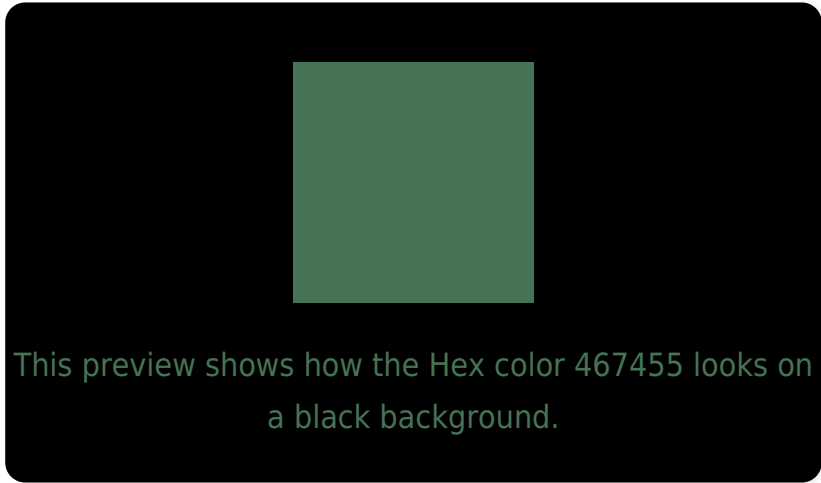
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

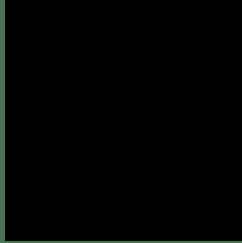
Any Text WCAG AA × Fail

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 467455 Background



This preview shows how black text looks on a background with the Hex color 467455.



This preview shows how white text looks on a background with the Hex color 467455.

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
467455

Protanopia
716A50

Deuteranopia
7A6658



Tritanopia
4E6F78

Trichromacy



Original Color
467455

Protanomaly
616E52

Deuteranomaly
676B57

Tritanomaly
4B716B

Monochromacy



Original Color
467455

Achromatopsia
636363

Achromatomaly
58695E

CSS Examples

Text

The CSS property to change the color of the text to Hex 467455 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 #467455 looks like.

```
.text, #text, p{  
  color:#467455  
}
```

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 #467455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467455
}
```

Border

The CSS property to change the border of an element to Hex 467455 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".

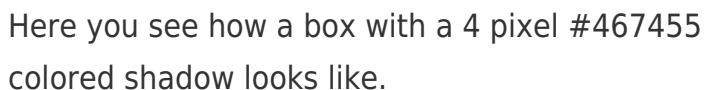
```
.border, #border, table{ border:4px solid
#467455 }
```

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

```
.border{ border-color:#467455 }
```

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

Here you see how a box with a 4 pixel #467455 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467455; -webkit-box-shadow:4px 4px  
4px 4px #467455; box-shadow:4px 4px 4px  
4px #467455 }
```

Background

The CSS property to change the background color of an element to Hex 467455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467455 }
```

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

```
.background{ background-color:#467455 }
```

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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