

Converting Colors

Hex(467644)

Have a look what the booklet for
Hex(467644) contains.

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Color

Hex(467644)

Conversions

Conversions Part 1

Format	Color
Hex	467644
RGB	70, 118, 68
RGB Percent	27%, 46%, 27%
CMY	0.7255, 0.5373, 0.7333
CMYK	0.41, 0.00, 0.42, 0.54
HSL	118°, 27%, 36%
HSV	118°, 42%, 46%
XYZ	10.0476, 14.6763, 7.7721
YIQ	97.9480, -12.5580, -25.7260

Conversions

Conversions Part 2

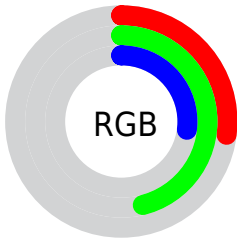
Format	Color
RYB	68, 118, 116
Decimal	4617796
CIELab	45.19, -27.32, 22.53
CIELCh	45, 35.415, 140.489
Yxy	14.6763, 0.3092, 0.4516
Android (android.graphics.Color)	4282807876 (0xFF467644)
YUV	97.9480, -14.7644, -24.5104
Hunter-Lab	38.3097, -20.2261, 14.7883

Details

The Hex color **467644** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **744476**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **79AB75**, and **144517** is the 20% darker color. If you saturate the color by 10%, you get **3B7638**, and if you desaturate by 10%, it is **517650**.

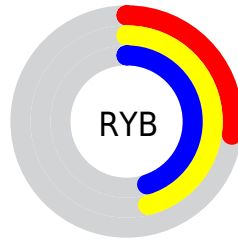
Distribution



Red (27%)

Green (46%)

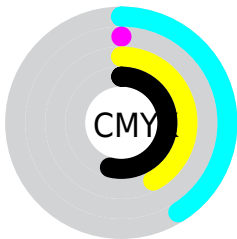
Blue (27%)



Red (27%)

Yellow (46%)

Blue (45%)

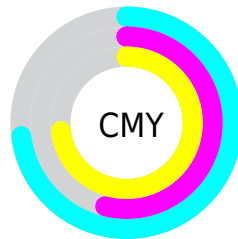


Cyan (41%)

Magenta (0%)

Yellow (42%)

Black (54%)



Cyan (73%)

Magenta (54%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467644 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 467644 by changing the saturation by 10% instead.



467644



467644

FFFFFF



2D5D2D



79AB75



144517



93C68F



002E00



AEE2A9



001B00



CAFFC5



000000



E7FFE1

FFFFFFD



467644



467644



3B7638



517650

 2F762C

 5D765C

 247621

 687667

 197615

 737673

 0D7609

 7F767F

 057600

 8A768B

 957697

 A176A2

 AC76AE

Harmonies

Analogous

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



696F31



467644



087960

Triad

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



467644



1871A5



A35358

Complementary

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



467644



744476

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.



9D5376



467644



5E67A2

Square

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



467644



007798



865B91



995B3E

Rectangle

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



467644



007A75



865B91



A35262

Sweetspot

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



467644



869985



767344



414D40



CCCCCC



4D4D4D

Same Dimension

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



467644



4E994B



44765B



353B35



057A00



0AFA00

Inverse Universe

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



744476



964B99



76445F



3A353B



76007A



F000FA

Previews

White Background



This preview shows how the Hex color 467644 looks on a white background.

Color Contrast Check

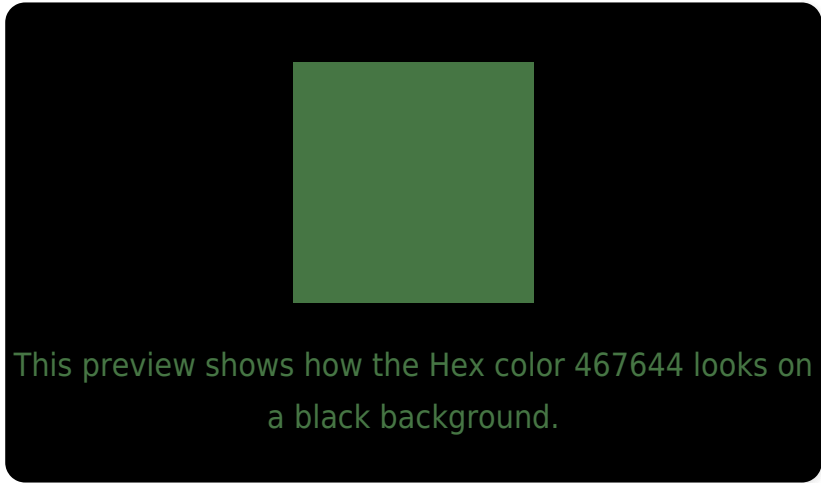
Large Text (above 18pt) WCAG AA ✓ Pass

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

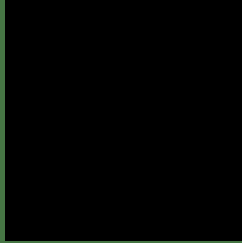
Any Text WCAG AA × Fail

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 467644 Background



This preview shows how black text looks on a background with the Hex color 467644.



This preview shows how white text looks on a background with the Hex color 467644.

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





Tritanopia
507079

Trichromacy



Original Color
467644

Protanomaly
636F41

Deuteranomaly
6A6C47

Tritanomaly
4C7266

Monochromacy



Original Color
467644

Achromatopsia
626262

Achromatomaly
586957

CSS Examples

Text

The CSS property to change the color of the text to Hex 467644 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 #467644 looks like.

```
.text, #text, p{  
    color:#467644  
}
```

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 #467644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467644
}
```

Border

The CSS property to change the border of an element to Hex 467644 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".

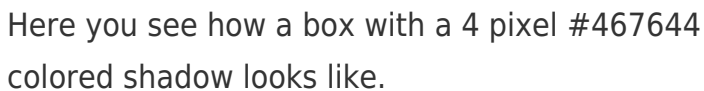
```
.border, #border, table{ border:4px solid
#467644 }
```

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

```
.border{ border-color:#467644 }
```

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

Here you see how a box with a 4 pixel #467644 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467644; -webkit-box-shadow:4px 4px  
4px 4px #467644; box-shadow:4px 4px 4px  
4px #467644 }
```

Background

The CSS property to change the background color of an element to Hex 467644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467644 }
```

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

```
.background{ background-color:#467644 }
```

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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