

Converting Colors

Hex(467729)

Have a look what the booklet for
Hex(467729) contains.

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Color

Hex(467729)

Conversions

Conversions Part 1

Format	Color
Hex	467729
RGB	70, 119, 41
RGB Percent	27%, 47%, 16%
CMY	0.7255, 0.5333, 0.8392
CMYK	0.41, 0.00, 0.66, 0.53
HSL	98°, 49%, 31%
HSV	98°, 66%, 47%
XYZ	9.5229, 14.6558, 4.4248
YIQ	95.4570, -4.1660, -34.6460

Conversions

Conversions Part 2

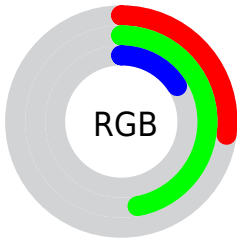
Format	Color
RYB	41, 119, 90
Decimal	4618025
CIELab	45.16, -31.39, 36.69
CIELCh	45, 48.283, 130.552
Yxy	14.6558, 0.3329, 0.5124
Android (android.graphics.Color)	4282808105 (0xFF467729)
YUV	95.4570, -26.8473, -22.3258
Hunter-Lab	38.2829, -22.5934, 19.9453

Details

The Hex color **467729** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5A2977**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7AAC5A**, and **114600** is the 20% darker color. If you saturate the color by 10%, you get **3F771D**, and if you desaturate by 10%, it is **4D7735**.

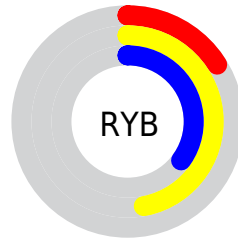
Distribution



Red (27%)

Green (47%)

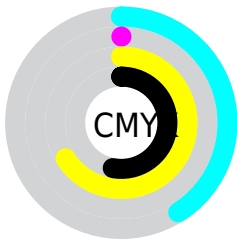
Blue (16%)



Red (16%)

Yellow (47%)

Blue (35%)

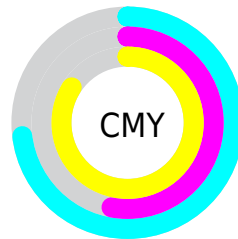


Cyan (41%)

Magenta (0%)

Yellow (66%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467729 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 467729 by changing the saturation by 10% instead.



467729



467729

FFFFFF



2C5E10



7AAC5A



114600



95C773



002F00



B0E38E



001B00



CCFFA8



000000



E9FFC4



FFFFE0



FFFFFD



467729



467729

■ 3F771D

■ 4D7735

■ 377711

■ 557741

■ 307705

■ 5C774D

■ 2C7700

■ 647759

■ 6B7765

■ 737770

■ 7A777C

■ 827788

■ 897794

Harmonies

Analogous

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



726D10



467729



007C4F

Triad

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



467729



0076B7



B4445E

Complementary

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



467729



5A2977

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.



A64987



467729



316BBA

Square

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



467729



007C9E



7F5AA8



AC4F38

Rectangle

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



467729



007E6A



7F5AA8



B2446C

Sweetspot

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



467729



889C7C



775929



434F3C



CFCFCF



4F4F4F

Same Dimension

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



467729



4E9C21



297732



373B35



2E7A00



5DFA00

Inverse Universe

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



5A2977



6E219C



77296E



38353B



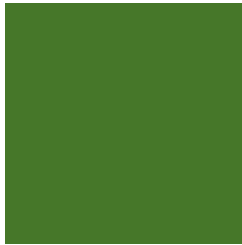
4D007A



9D00FA

Previews

White Background



This preview shows how the Hex color 467729 looks on a white background.

Color Contrast Check

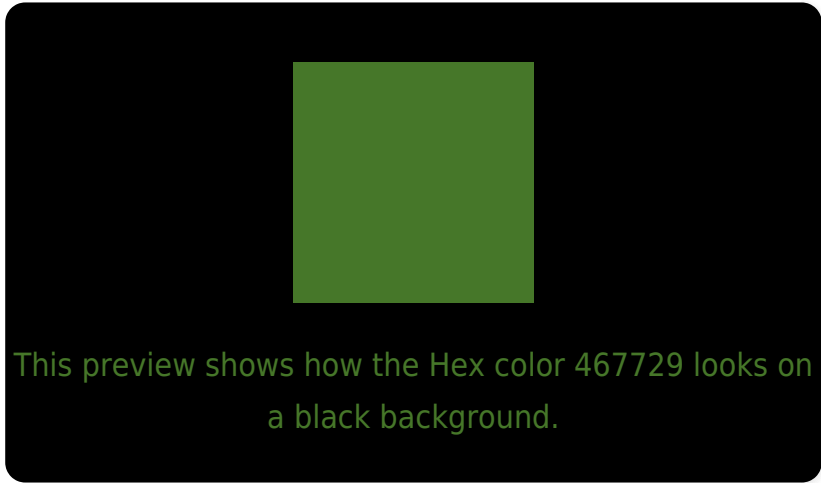
Large Text (above 18pt) WCAG AA ✓ Pass

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

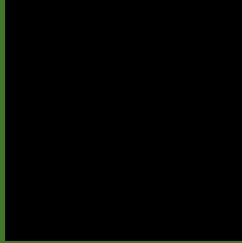
Any Text WCAG AA × Fail

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 467729 Background



This preview shows how black text looks on a background with the Hex color 467729.



This preview shows how white text looks on a background with the Hex color 467729.

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
467729

Protanopia
776B26

Deuteranopia
84652F



Tritanopia
536F78

Trichromacy



Original Color
467729

Protanomaly
656F27

Deuteranomaly
6D6C2D

Tritanomaly
4E725B

Monochromacy



Original Color
467729

Achromatopsia
5F5F5F

Achromatomaly
56684B

CSS Examples

Text

The CSS property to change the color of the text to Hex 467729 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 #467729 looks like.

```
.text, #text, p{  
    color:#467729  
}
```

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 #467729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467729
}
```

Border

The CSS property to change the border of an element to Hex 467729 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
#467729 }
```

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

```
.border{ border-color:#467729 }
```

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

Here you see how a box with a 4 pixel #467729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467729; -webkit-box-shadow:4px 4px  
4px 4px #467729; box-shadow:4px 4px 4px  
4px #467729 }
```

Background

The CSS property to change the background color of an element to Hex 467729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467729 }
```

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

```
.background{ background-color:#467729 }
```

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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