

Converting Colors

Hex(465700)

Have a look what the booklet for
Hex(465700) contains.

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Color

Hex(465700)

Conversions

Conversions Part 1

Format	Color
Hex	465700
RGB	70, 87, 0
RGB Percent	27%, 34%, 0%
CMY	0.7255, 0.6588, 1.0000
CMYK	0.20, 0.00, 1.00, 0.66
HSL	72°, 100%, 17%
HSV	72°, 100%, 34%
XYZ	5.9340, 8.1185, 1.2543
YIQ	71.9990, 17.7950, -30.6610

Conversions

Conversions Part 2

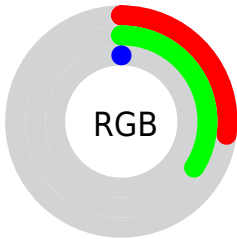
Format	Color
RYB	0, 87, 17
Decimal	4609792
CIELab	34.23, -18.15, 41.43
CIELCh	34, 45.232, 113.655
Yxy	8.1185, 0.3877, 0.5304
Android (android.graphics.Color)	4282799872 (0xFF465700)
YUV	71.9990, -35.4955, -1.7531
Hunter-Lab	28.4929, -12.6880, 17.3351

Details

The Hex color **465700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110057**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **798936**, and **152A00** is the 20% darker color. If you saturate the color by 10%, you get **465700**, and if you desaturate by 10%, it is **485709**.

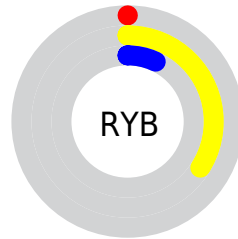
Distribution



Red (27%)

Green (34%)

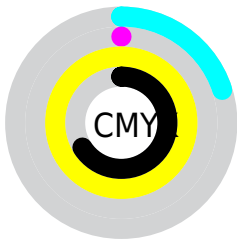
Blue (0%)



Red (0%)

Yellow (34%)

Blue (7%)

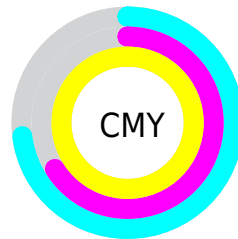


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465700 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 465700 by changing the saturation by 10% instead.

 465700

 465700

 FFFFFF1

 2F4000

 798936

 152A00

 94A34F

 001700

 B0BE68

 000000

 CCDA82

 E8F69D

 FFFF88

 FFFF55

 465700

■ 485709

■ 495711

■ 4B571A

■ 4D5723

■ 4F572C

■ 505734

■ 52573D

■ 545746

■ 55574E

Harmonies

Analogous

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



684C00



465700



0E5D23

Triad

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



465700



005E8A



8C2C5A

Complementary

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



465700



110057

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.



74397C



465700



005798

Square

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



465700



00616C



404A93



8F2E36

Rectangle

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



465700



00603B



404A93



872F66

Sweetspot

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



465700



6A704F



571000



343824



B8B8B8



383838

Same Dimension

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



465700



5A7000



1C5700



2B2B27



566B00



BDEB00

Inverse Universe

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



110057



160070



3B0057



28272B



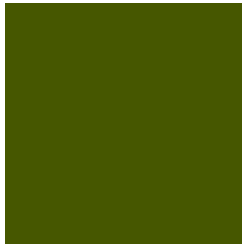
15006B



2E00EB

Previews

White Background



This preview shows how the Hex color 465700 looks on a white background.

Color Contrast Check

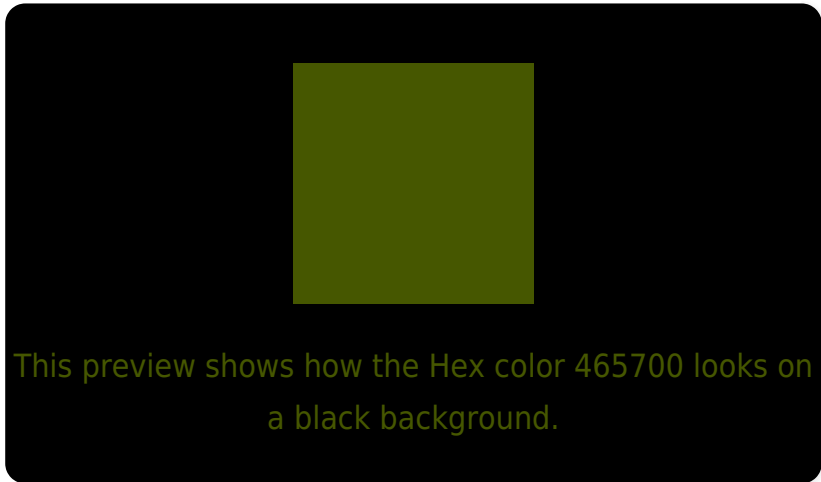
Large Text (above 18pt) WCAG AA ✓ Pass

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

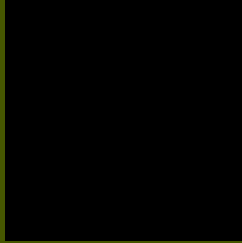
Any Text WCAG AA × Fail

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 465700 Background



This preview shows how black text looks on a background with the Hex color 465700.



This preview shows how white text looks on a background with the Hex color 465700.

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](#).

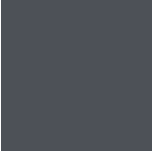
Dichromacy



Original Color
465700

Protanopia
5B5100

Deuteranopia
664C10



Tritanopia
4D5157

Trichromacy



Original Color
465700

Protanomaly
535300

Deuteranomaly
5A500A

Tritanomaly
4A5337

Monochromacy



Original Color
465700

Achromatopsia
484848

Achromatomaly
474D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 465700 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 #465700 looks like.

```
.text, #text, p{  
    color:#465700  
}
```

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 #465700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465700
}
```

Border

The CSS property to change the border of an element to Hex 465700 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
#465700 }
```

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

```
.border{ border-color:#465700 }
```

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

Here you see how a box with a 4 pixel #465700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465700; -webkit-box-shadow:4px 4px  
4px 4px #465700; box-shadow:4px 4px 4px  
4px #465700 }
```

Background

The CSS property to change the background color of an element to Hex 465700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465700 }
```

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

```
.background{ background-color:#465700 }
```

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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