

Converting Colors

Hex(455700)

Have a look what the booklet for
Hex(455700) contains.

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Color

Hex(455700)

Conversions

Conversions Part 1

Format	Color
Hex	455700
RGB	69, 87, 0
RGB Percent	27%, 34%, 0%
CMY	0.7294, 0.6588, 1.0000
CMYK	0.21, 0.00, 1.00, 0.66
HSL	72°, 100%, 17%
HSV	72°, 100%, 34%
XYZ	5.8624, 8.0816, 1.2509
YIQ	71.7000, 17.1990, -30.8730

Conversions

Conversions Part 2

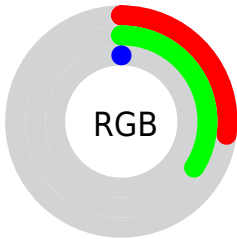
Format	Color
RYB	0, 87, 18
Decimal	4544256
CIELab	34.15, -18.62, 41.34
CIELCh	34, 45.341, 114.248
Yxy	8.0816, 0.3858, 0.5319
Android (android.graphics.Color)	4282734336 (0xFF455700)
YUV	71.7000, -35.3481, -2.3679
Hunter-Lab	28.4282, -12.9391, 17.2908

Details

The Hex color **455700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **120057**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **788936**, and **142A00** is the 20% darker color. If you saturate the color by 10%, you get **455700**, and if you desaturate by 10%, it is **475709**.

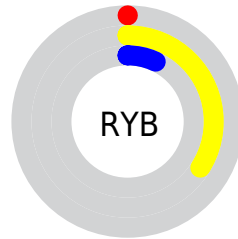
Distribution



Red (27%)

Green (34%)

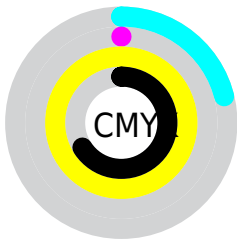
Blue (0%)



Red (0%)

Yellow (34%)

Blue (7%)

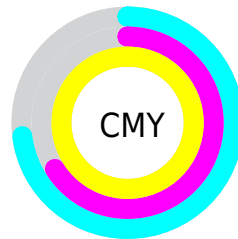


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455700 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 455700 by changing the saturation by 10% instead.

 455700

 455700

 FFFFFF1

 2E4000

 788936

 142A00

 93A34F

 001700

 AEBE68

 000000

 CADA82

 E7F69D

 FFFF88

 FFFF55

 455700

■ 475709

■ 495711

■ 4A571A

■ 4C5723

■ 4E572C

■ 505734

■ 52573D

■ 535746

■ 55574E

Harmonies

Analogous

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



674C00



455700



0B5D23

Triad

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



455700



005E8A



8C2B59

Complementary

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



455700



120057

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.



75397B



455700



005798

Square

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



455700



00616D



414A92



8F2E35

Rectangle

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



455700



00603B



414A92



872E65

Sweetspot

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



455700



69704F



571100



343824



B8B8B8



383838

Same Dimension

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



455700



597000



1A5700



2A2B27



556B00



BAEB00

Inverse Universe

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



120057



170070



3D0057



28272B



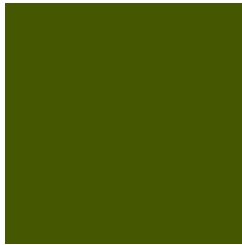
16006B



3100EB

Previews

White Background



This preview shows how the Hex color 455700 looks on a white background.

Color Contrast Check

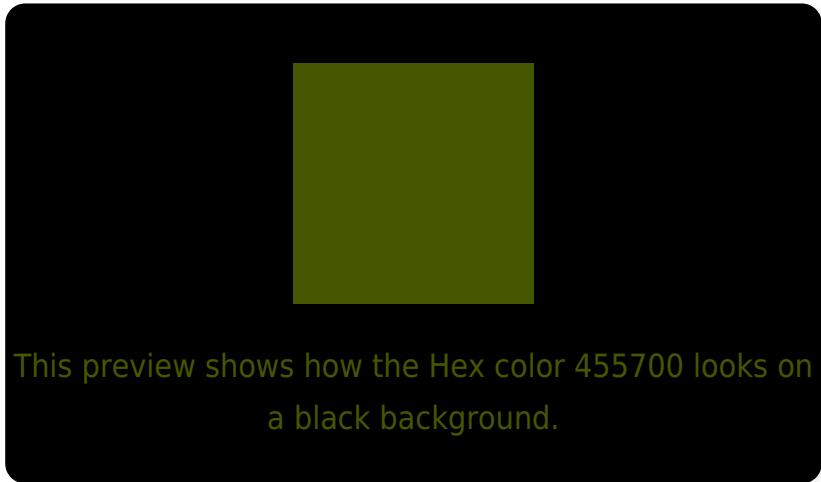
Large Text (above 18pt) WCAG AA ✓ Pass

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 455700 Background



This preview shows how black text looks on a background with the Hex color 455700.



This preview shows how white text looks on a background with the Hex color 455700.

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
455700

Protanopia
5B5100

Deuteranopia
654C10



Tritanopia
4C5157

Trichromacy



Original Color
455700

Protanomaly
535300

Deuteranomaly
59500A

Tritanomaly
495337

Monochromacy



Original Color
455700

Achromatopsia
484848

Achromatomaly
474D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 455700 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 #455700 looks like.

```
.text, #text, p{  
    color:#455700  
}
```

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 #455700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455700  
}
```

Border

The CSS property to change the border of an element to Hex 455700 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".

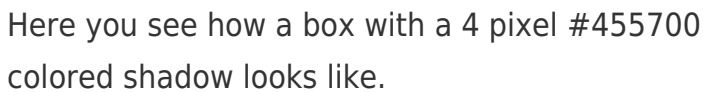
```
.border, #border, table{ border:4px solid  
#455700 }
```

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

```
.border{ border-color:#455700 }
```

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

Here you see how a box with a 4 pixel #455700 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455700; -webkit-box-shadow:4px 4px  
4px 4px #455700; box-shadow:4px 4px 4px  
4px #455700 }
```

Background

The CSS property to change the background color of an element to Hex 455700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455700 }
```

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

```
.background{ background-color:#455700 }
```

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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