

Converting Colors

Hex(451707)

Have a look what the booklet for
Hex(451707) contains.

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Color

Hex(451707)

Conversions

Conversions Part 1

Format	Color
Hex	451707
RGB	69, 23, 7
RGB Percent	27%, 9%, 3%
CMY	0.7294, 0.9098, 0.9725
CMYK	0.00, 0.67, 0.90, 0.73
HSL	15°, 82%, 15%
HSV	15°, 90%, 27%
XYZ	2.7990, 1.8933, 0.4189
YIQ	34.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

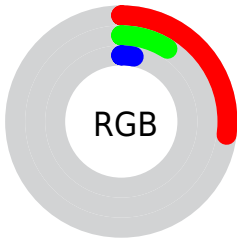
Format	Color
RYB	69, 29, 7
Decimal	4527879
CIELab	14.92, 21.14, 19.73
CIELCh	15, 28.914, 43.020
Yxy	1.8933, 0.5476, 0.3704
Android (android.graphics.Color)	4282717959 (0xFF451707)
YUV	34.9300, -13.7695, 29.8794
Hunter-Lab	13.7599, 12.2301, 7.8267

Details

The Hex color **451707** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **073545**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **794434**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **451200**, and if you desaturate by 10%, it is **451C0E**.

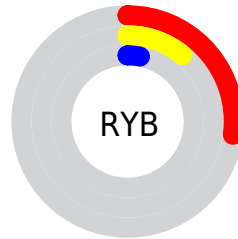
Distribution



Red (27%)

Green (9%)

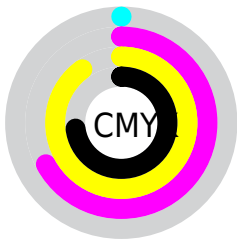
Blue (3%)



Red (27%)

Yellow (11%)

Blue (3%)

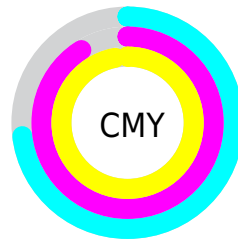


Cyan (0%)

Magenta (67%)

Yellow (90%)

Black (73%)



Cyan (73%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451707 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 451707 by changing the saturation by 10% instead.

 451707

 451707

 FFFEE8

 2C0000

 794434

 000000

 945C4B

 B07562

 CD8F7B

 EAA995

 FFC5B0

 FFE1CB

 451707

 451707

■ 451200

■ 451C0E

■ 452115

■ 45261C

■ 452B23

■ 45312A

■ 453630

■ 453B37

■ 45403E

■ 454545

Harmonies

Analogous

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



4A101E



451707



392000

Triad

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



451707



002E19



05254D

Complementary

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



451707



073545

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.



002B4D



451707



002F2E

Square

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



451707



102C00



002E41



311C44

Rectangle

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



451707



2E2500



002E41



00274E

Sweetspot

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



451707



594741



450735



2E231F



ADADAD



2E2E2E

Same Dimension

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



451707



591700



453507



242120



631A00



E33B00

Inverse Universe

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



073545



004259



071645



202324



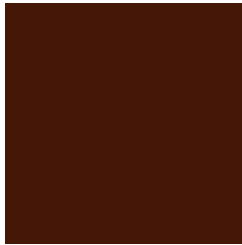
004A63



00A8E3

Previews

White Background



This preview shows how the Hex color 451707 looks on a white background.

Color Contrast Check

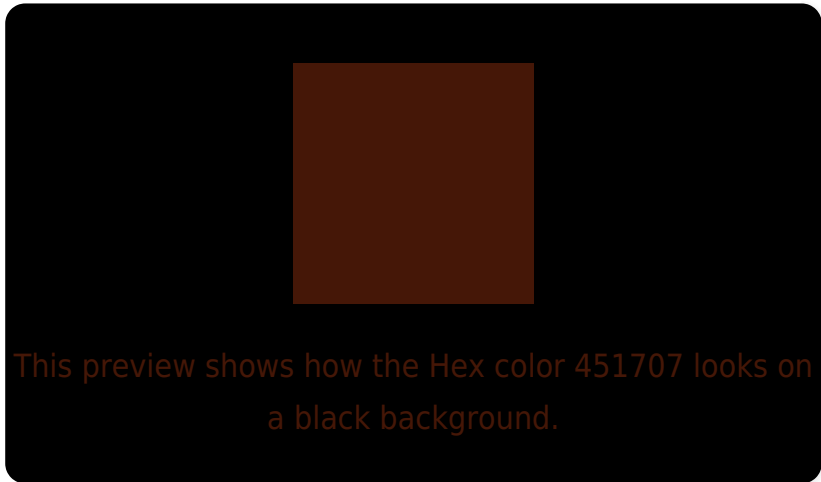
Large Text (above 18pt) WCAG AA ✓ Pass

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

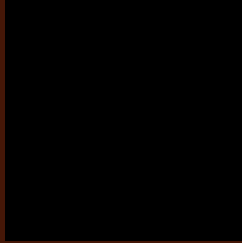
Any Text WCAG AA × Fail

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 451707 Background



This preview shows how black text looks on a background with the Hex color 451707.

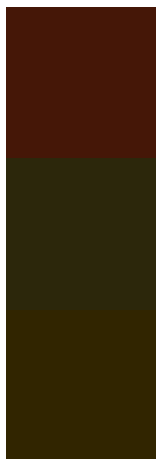


This preview shows how white text looks on a background with the Hex color 451707.

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
451707

Protanopia
2C270B

Deuteranopia
312500



Tritanopia
451617

Trichromacy



Original Color
451707

Protanomaly
35210A

Deuteranomaly
382003

Tritanomaly
451611

Monochromacy



Original Color
451707

Achromatopsia
232323

Achromatomaly
2F1F19

CSS Examples

Text

The CSS property to change the color of the text to Hex 451707 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 #451707 looks like.

```
.text, #text, p{  
    color:#451707  
}
```

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 #451707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451707 }  
}
```

Border

The CSS property to change the border of an element to Hex 451707 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".

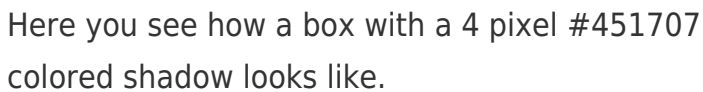
```
.border, #border, table{ border:4px solid #451707 }  
}
```

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

```
.border{ border-color:#451707 }
```

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

Here you see how a box with a 4 pixel #451707 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451707; -webkit-box-shadow:4px 4px  
4px 4px #451707; box-shadow:4px 4px 4px  
4px #451707 }
```

Background

The CSS property to change the background color of an element to Hex 451707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451707 }
```

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

```
.background{ background-color:#451707 }
```

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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