

# Converting Colors

Hex(450307)

Have a look what the booklet for  
Hex(450307) contains.

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**Color**

**Hex(450307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	450307
RGB	69, 3, 7
RGB Percent	27%, 1%, 3%
CMY	0.7294, 0.9882, 0.9725
CMYK	0.00, 0.96, 0.90, 0.73
HSL	356°, 92%, 14%
HSV	356°, 96%, 27%
XYZ	2.5252, 1.3457, 0.3277
YIQ	23.1900, 38.0520, 15.2360

# Conversions

## Conversions Part 2

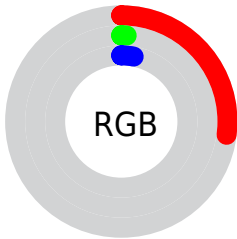
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 3, 7
Decimal	4522759
CIELab	11.59, 30.27, 15.30
CIELCh	12, 33.913, 26.814
Yxy	1.3457, 0.6014, 0.3205
Android (android.graphics.Color)	4282712839 (0xFF450307)
YUV	23.1900, -7.9817, 40.1754
Hunter-Lab	11.6003, 18.5553, 6.4455

# Details

The Hex color **450307** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **034541**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **7A3534**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450004**, and if you desaturate by 10%, it is **450A0D**.

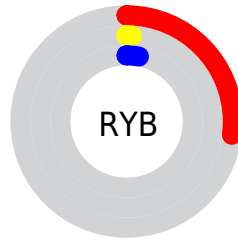
# Distribution



Red (27%)

Green (1%)

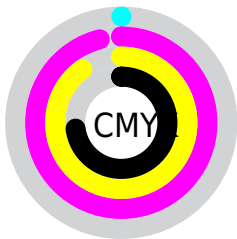
Blue (3%)



Red (27%)

Yellow (1%)

Blue (3%)

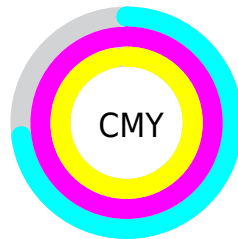


Cyan (0%)

Magenta (96%)

Yellow (90%)

Black (73%)



Cyan (73%)

Magenta (99%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 450307 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 450307 by changing the saturation by 10% instead.



 450307

 450307

 FFEDE7

 2D0000

 7A3534

 000000

 964D4B

 B26662

 CF7F7B

 EC9A95

 FFB5B0

 FFD1CB

 450307

 450307

■ 450004

■ 450A0D

■ 451114

■ 45181A

■ 451F21

■ 452627

■ 452C2E

■ 453334

■ 453A3B

■ 454141

# Harmonies

## Analogous

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



450022



450307



3B1200

# Triad

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



450307



002700



00234E

# Complementary

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



450307



034541

# 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.



002746



450307



00291B

# Square

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



450307



132300



002933



141A49

# Rectangle

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



450307



301A00



002933



00254C



# Sweetspot

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



450307



593F41



410345



2E1E1F



ADADAD



2E2E2E



# Same Dimension

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



450307



590005



452003



242020



630006



E3000E



# Inverse Universe

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



450307



590005



032845



242020



630006

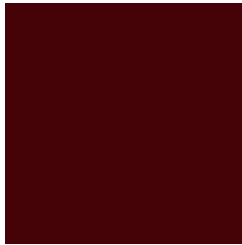


E3000E



# Previews

## White Background



This preview shows how the Hex color 450307 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

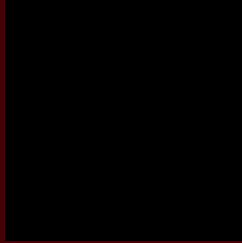
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 450307 Background



This preview shows how black text looks on a background with the Hex color 450307.



This preview shows how white text looks on a background with the Hex color 450307.

# 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**  
450307

**Protanopia**  
27230D

**Deuteranopia**  
2C2100



**Tritanopia**  
450600

# Trichromacy



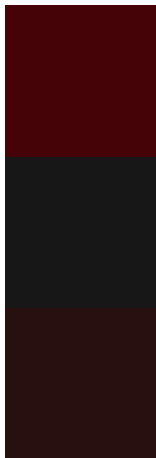
**Original Color**  
450307

**Protanomaly**  
32170B

**Deuteranomaly**  
351603

**Tritanomaly**  
450503

# Monochromacy



**Original Color**  
450307

**Achromatopsia**  
171717

**Achromatomaly**  
281011

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 450307 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 #450307 looks like.

```
.text, #text, p{  
    color:#450307  
}
```

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 #450307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450307
}
```

## Border

The CSS property to change the border of an element to Hex 450307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

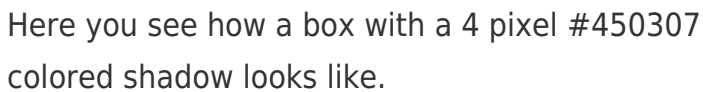
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450307 }
```

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

```
.border{ border-color:#450307 }
```

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



Here you see how a box with a 4 pixel #450307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450307; -webkit-box-shadow:4px 4px  
4px 4px #450307; box-shadow:4px 4px 4px  
4px #450307 }
```

# Background

The CSS property to change the background color of an element to Hex 450307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450307 }
```

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

```
.background{ background-color:#450307 }
```

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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