Converting Colors

Hex(450000)

Have a look what the booklet for Hex(450000) contains.

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Color

Hex(450000)

Conversions

Conversions Part 1

Format	Color
Hex	450000
RGB	69, 0, 0
RGB Percent	27%, 0%, 0%
CMY	0.7294, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.73
HSL	0°, 100%, 14%
HSV	0°, 100%, 27%
XYZ	2.4542, 1.2652, 0.1149
YIQ	20.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

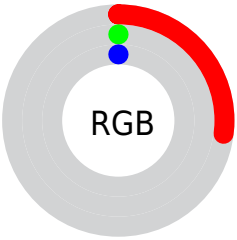
Format	Color
RYB	69, 0, 0
Decimal	4521984
CIELab	11.03, 31.28, 17.37
CIELCh	11, 35.778, 29.053
Yxy	1.2652, 0.6401, 0.3300
Android (android.graphics.Color)	4282712064 (0xFF450000)
YUV	20.6310, -10.1711, 42.4196
Hunter-Lab	11.2482, 19.2628, 7.2683

Details

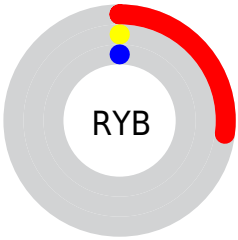
The Hex color 450000 is a dark color, and the websafe version is hex 330000. A complement of this color would be 004545, and the grayscale version is 151515.

A 20% lighter version of the original color is 7A3230, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 450000, and if you desaturate by 10%, it is 450707.

Distribution

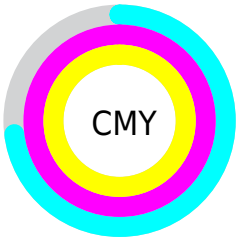


- Red (27%)
- Green (0%)
- Blue (0%)



- Red (27%)
- Yellow (0%)
- Blue (0%)

- Cyan (0%)
- Magenta (100%)
- Yellow (100%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450000 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 450000 by changing the saturation by 10% instead.

450000

FFEBE2

7A3230

964A46

B3635E

CF7D76

ED9790

FFB2AA

FFCEC6

450000

450000

2D0001

000000

450000

450707

450E0E

451515

451C1C

452323

452929

453030

453737

453E3E

Harmonies

Analogous

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

46001F

450000

391100

Triad

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

450000

002600

00214F

Complementary

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

450000

004545

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.

002648

450000

00281C

Square

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

450000

0E2300

002835

151749

Rectangle

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

450000

2D1900

002835

00234E

Sweetspot

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

450000

593E3E

450045

2E1D1D

ADADAD

2E2E2E

Same Dimension

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

450000

590000

452300

242020

630000

E30000

Inverse Universe

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

004545

005959

002345

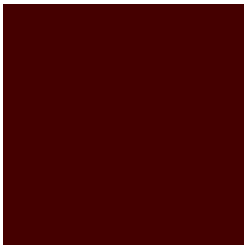
202424

006363

00E3E3

Previews

White Background

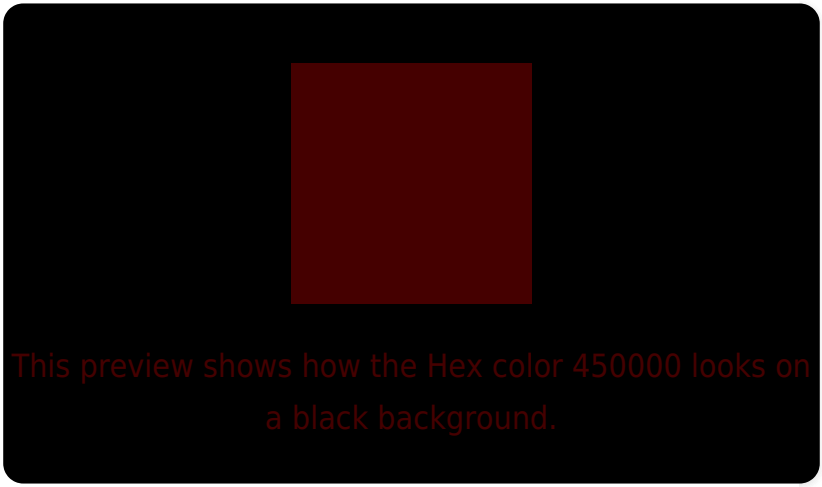


This preview shows how the Hex color 450000 looks on a white background.

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 450000 Background

This preview shows how black text looks on a background with the Hex color 450000.

This preview shows how white text looks on a background with the Hex color 450000.

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
450000

Protanopia
272309

Deuteranopia
2C2100

Tritanopia
440600

Trichromacy

Original Color
450000

Protanomaly
321606

Deuteranomaly
351500

Tritanomaly
440400

Monochromacy

Original Color
450000

Achromatopsia
151515

Achromatomaly
260D0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 450000 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 #450000 looks like.

```
.text, #text, p{
    color:#450000
}
```

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 #450000 colored shadow looks like.

Here you see how black text with a 4 pixel #450000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450000 }
```

Border

The CSS property to change the border of an element to Hex 450000 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 #450000 }
```

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

```
.border{ border-color:#450000 }
```

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

Here you see how a box with a 4 pixel #450000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #450000; -webkit-box-shadow:4px 4px 4px 4px #450000; box-shadow:4px 4px 4px 4px #450000 }
```

Background

The CSS property to change the background color of an element to Hex 450000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#450000 }
```

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

```
.background{ background-color:#450000 }
```

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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