

Converting Colors

Hex(440102)

Have a look what the booklet for
Hex(440102) contains.

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Color

Hex(440102)

Conversions

Conversions Part 1

Format	Color
Hex	440102
RGB	68, 1, 2
RGB Percent	27%, 0%, 1%
CMY	0.7333, 0.9961, 0.9922
CMYK	0.00, 0.99, 0.97, 0.73
HSL	359°, 97%, 14%
HSV	359°, 99%, 27%
XYZ	2.4057, 1.2550, 0.1729
YIQ	21.1470, 39.6110, 14.5150

Conversions

Conversions Part 2

Format	Color
RYB	68, 1, 2
Decimal	4456706
CIELab	10.96, 30.61, 16.42
CIELCh	11, 34.734, 28.210
Yxy	1.2550, 0.6275, 0.3274
Android (android.graphics.Color)	4282646786 (0xFF440102)
YUV	21.1470, -9.4395, 41.0901
Hunter-Lab	11.2028, 18.7263, 6.9270

Details

The Hex color **440102** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **014443**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **793331**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **440001**, and if you desaturate by 10%, it is **440809**.

Distribution



Red (27%)

Green (0%)

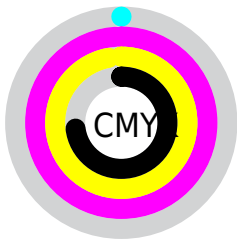
Blue (1%)



Red (27%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (99%)

Yellow (97%)

Black (73%)



Cyan (73%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440102 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 440102 by changing the saturation by 10% instead.

 440102

 440102

 FFEBE3

 2D0001

 793331

 000000

 954B47

 B1645F

 CE7D78

 EB9891

 FFB3AC

 FFCFC7

 440102

 440102

■ 440001

■ 440809

■ 440F0F

■ 441516

■ 441C1D

■ 442323

■ 442A2A

■ 443131

■ 443738

■ 443E3E

Harmonies

Analogous

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



440020



440102



391100

Triad

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



440102



002600



00214D

Complementary

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



440102



014443

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.



002646



440102



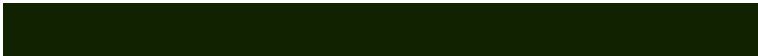
00281B

Square

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



440102



102200



002833



141848

Rectangle

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



440102



2E1900



002833



00234C

Sweetspot

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



440102



593E3F



430144



2E1D1E



ADADAD



2E2E2E

Same Dimension

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



440102



590001



442101



211E1E



610001



E00003

Inverse Universe

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



440102



590001



012444



211E1E



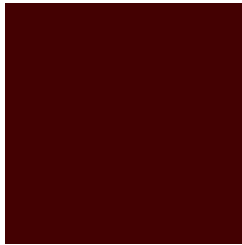
610001



E00003

Previews

White Background



This preview shows how the Hex color 440102 looks on a white background.

Color Contrast Check

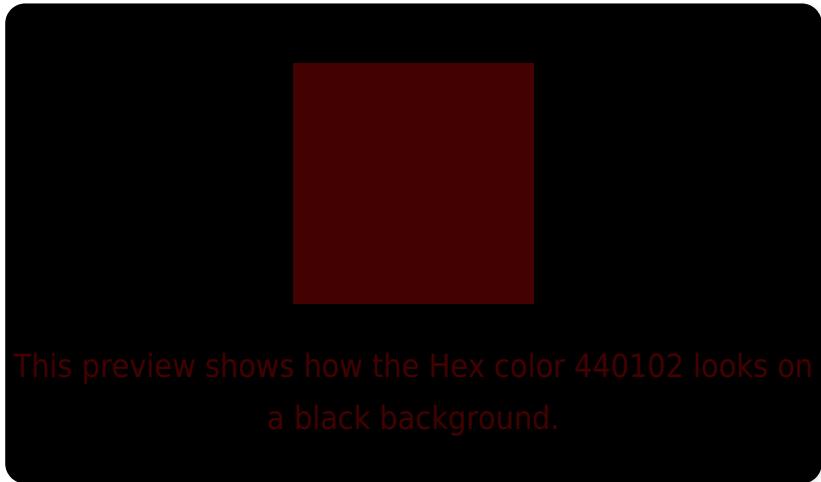
Large Text (above 18pt) WCAG AA ✓ Pass

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

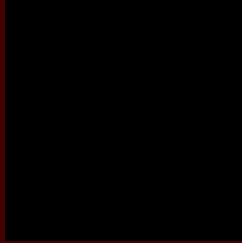
Any Text WCAG AA × Fail

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 440102 Background



This preview shows how black text looks on a background with the Hex color 440102.

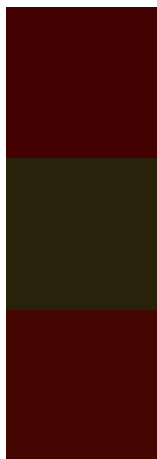


This preview shows how white text looks on a background with the Hex color 440102.

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
440102

Protanopia
272209

Tritanopia
430600

Trichromacy

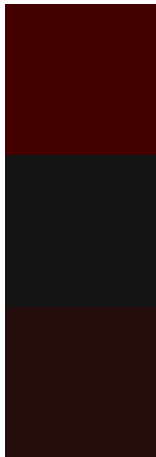


Original Color
440102

Protanomaly
321606

Tritanomaly
430401

Monochromacy



Original Color
440102

Achromatopsia
151515

Achromatomaly
260E0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 440102 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 #440102 looks like.

```
.text, #text, p{  
    color:#440102  
}
```

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 #440102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440102
}
```

Border

The CSS property to change the border of an element to Hex 440102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

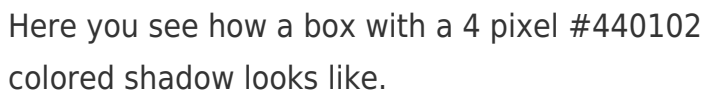
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440102 }
```

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

```
.border{ border-color:#440102 }
```

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



Here you see how a box with a 4 pixel #440102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440102; -webkit-box-shadow:4px 4px  
4px 4px #440102; box-shadow:4px 4px 4px  
4px #440102 }
```

Background

The CSS property to change the background color of an element to Hex 440102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440102 }
```

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

```
.background{ background-color:#440102 }
```

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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