

Converting Colors

Hex(451226)

Have a look what the booklet for
Hex(451226) contains.

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Color

Hex(451226)

Conversions

Conversions Part 1

Format	Color
Hex	451226
RGB	69, 18, 38
RGB Percent	27%, 7%, 15%
CMY	0.7294, 0.9294, 0.8510
CMYK	0.00, 0.74, 0.45, 0.73
HSL	336°, 59%, 17%
HSV	336°, 74%, 27%
XYZ	3.0204, 1.8378, 2.0293
YIQ	35.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

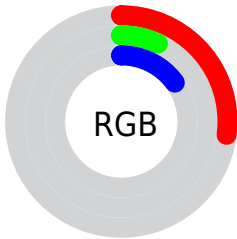
Format	Color
RYB	69, 18, 38
Decimal	4526630
CIELab	14.61, 26.43, -0.25
CIElCh	15, 26.426, 359.464
Yxy	1.8378, 0.4385, 0.2668
Android (android.graphics.Color)	4282716710 (0xFF451226)
YUV	35.5290, 1.2182, 29.3541
Hunter-Lab	13.5564, 16.0465, 0.6144




Details

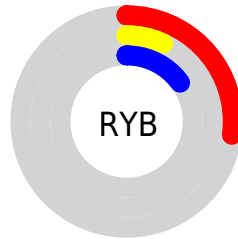
The Hex color **451226** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **124531**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **784053**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **450B22**, and if you desaturate by 10%, it is **45192A**.

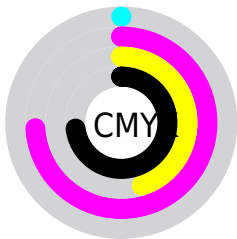
Distribution







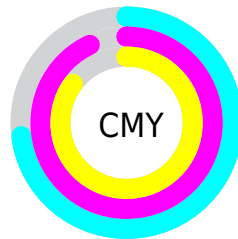
-  Red (27%)
-  Green (7%)
-  Blue (15%)






-  Red (27%)
-  Yellow (7%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (74%)
-  Yellow (45%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (93%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451226 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 451226 by changing the saturation by 10% instead.

 451226

 451226

 FFFAFF

 2E0011

 784053

 080000

 92586B

 000000

 AE7284

 CA8B9E

 E6A6B9

 FFC1D5

 FFDEF1

 451226

 451226

■ 450B22

■ 45192A

■ 45041E

■ 45202E

■ 45001B

■ 452733

■ 452E37

■ 45353B

■ 453B3F

■ 454243

■ 454948

■ 45504C

Harmonies

Analogous

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



3B1738



451226



451514

Triad

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



451226



1D2900



002B45

Complementary

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



451226



124531

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.



002D37



451226



002C11

Square

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



451226



2F2400



002D24



00274A

Rectangle

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



451226



401A05



002D24



002C41

Sweetspot

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



451226



59464D



311245



2E2227



ADADAD



2E2E2E

Same Dimension

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



451226



590A29



451712



242022



630027



E30059

Inverse Universe

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



451226



590A29



124045



242022



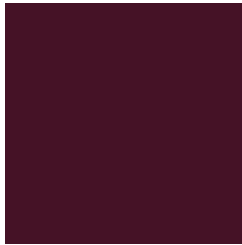
630027



E30059

Previews

White Background



This preview shows how the Hex color 451226 looks on a white background.

Color Contrast Check

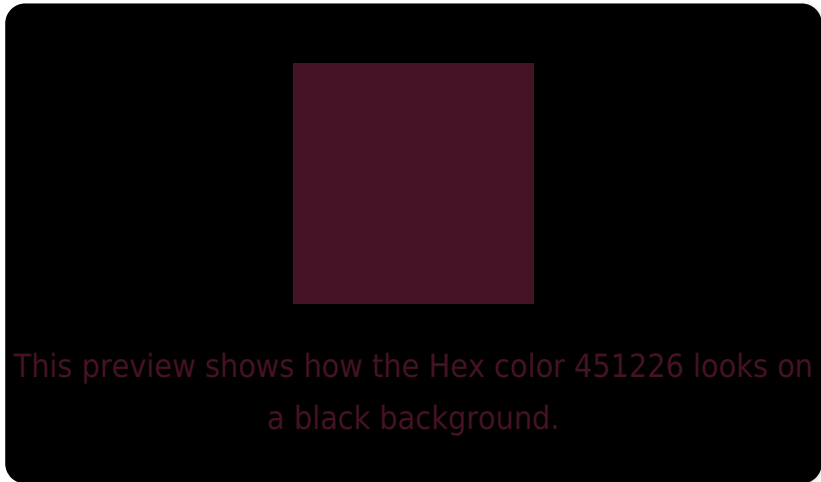
Large Text (above 18pt) WCAG AA ✓ Pass

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

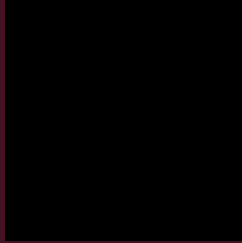
Any Text WCAG AA × Fail

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 451226 Background



This preview shows how black text looks on a background with the Hex color 451226.



This preview shows how white text looks on a background with the Hex color 451226.

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
451226

Protanopia
232632

Deuteranopia
2B2524



Tritanopia
441617

Trichromacy



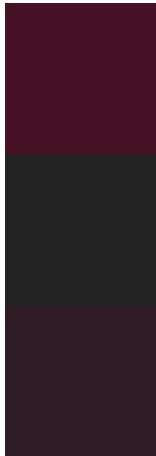
Original Color
451226

Protanomaly
2F1F2E

Deuteranomaly
341E25

Tritanomaly
44151C

Monochromacy



Original Color
451226

Achromatopsia
242424

Achromatomaly
301D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 451226 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 #451226 looks like.

```
.text, #text, p{  
    color:#451226  
}
```

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 #451226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451226
}
```

Border

The CSS property to change the border of an element to Hex 451226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

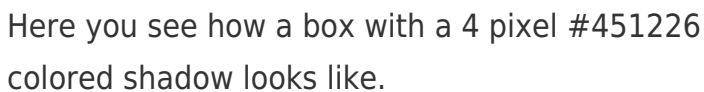
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451226 }
```

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

```
.border{ border-color:#451226 }
```

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



Here you see how a box with a 4 pixel #451226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451226; -webkit-box-shadow:4px 4px  
4px 4px #451226; box-shadow:4px 4px 4px  
4px #451226 }
```

Background

The CSS property to change the background color of an element to Hex 451226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451226 }
```

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

```
.background{ background-color:#451226 }
```

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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