

Converting Colors

Hex(451320)

Have a look what the booklet for
Hex(451320) contains.

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Color

Hex(451320)

Conversions

Conversions Part 1

Format	Color
Hex	451320
RGB	69, 19, 32
RGB Percent	27%, 7%, 13%
CMY	0.7294, 0.9255, 0.8745
CMYK	0.00, 0.72, 0.54, 0.73
HSL	344°, 57%, 17%
HSV	344°, 72%, 27%
XYZ	2.9478, 1.8352, 1.5654
YIQ	35.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

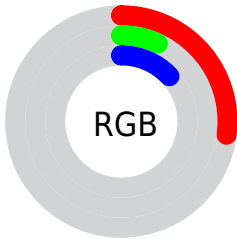
Format	Color
R_{YB}	69, 19, 32
Decimal	4526880
CIE _{Lab}	14.60, 25.21, 4.12
CIE _{LCh}	15, 25.542, 9.290
Yxy	1.8352, 0.4643, 0.2891
Android (android.graphics.Color)	4282716960 (0xFF451320)
YUV	35.4320, -1.6920, 29.4391
Hunter-Lab	13.5471, 15.1339, 2.6320

Details

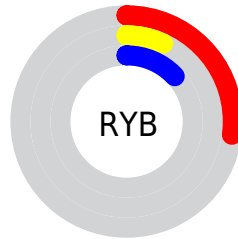
The Hex color **451320** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **134538**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **78414C**, and **050000** is the 20% darker color. If you saturate the color by 10%, you get **450C1B**, and if you desaturate by 10%, it is **451A25**.

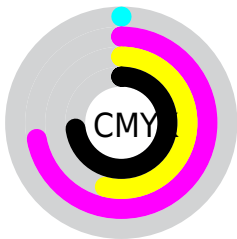
Distribution



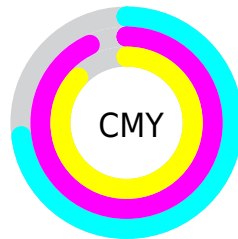
- Red (27%)
- Green (7%)
- Blue (13%)



- Red (27%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (54%)
- Black (73%)



- Cyan (73%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451320 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 451320 by changing the saturation by 10% instead.

 451320

 451320

 FFFBFF

 2E0008

 78414C

 050000

 935964

 000000

 AE727C

 CA8C96

 E7A7B1

 FFC2CC

 FFDEE9

 451320

 451320

■ 450C1B

■ 451A25

■ 450516

■ 45212A

■ 450012

■ 45282F

■ 452F34

■ 45363A

■ 453C3F

■ 454344

■ 454A49

■ 45514E

Harmonies

Analogous

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



3E1632



451320



42180E

Triad

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



451320



162A03



002A46

Complementary

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



451320



134538

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.



002D3B



451320



002C17

Square

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



451320



2A2600



002D2A



052548

Rectangle

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



451320



3C1D00



002D2A



002B44

Sweetspot

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



451320



59464B



381345



2E2225



ADADAD



2E2E2E

Same Dimension

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



451320



590C20



451F13



242021



63001A



E3003B

Inverse Universe

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



451320



590C20



133945



242021



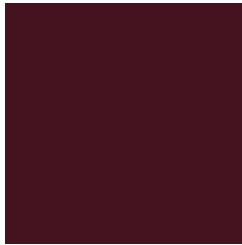
63001A



E3003B

Previews

White Background



This preview shows how the Hex color 451320 looks on a white background.

Color Contrast Check

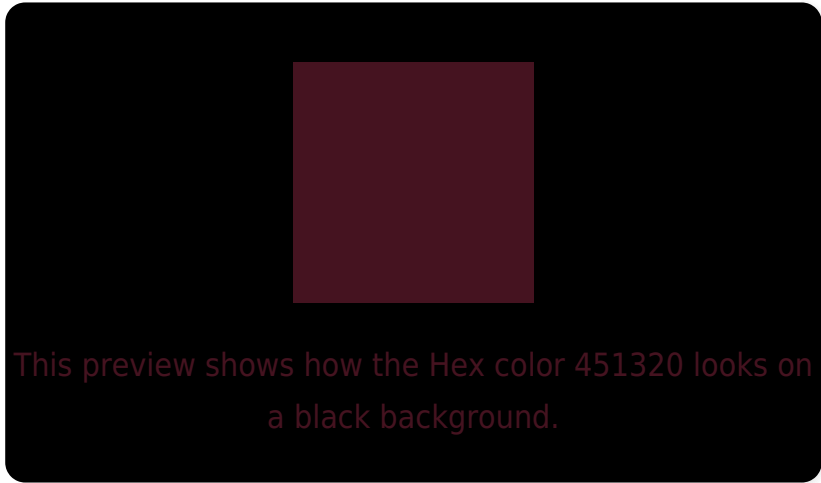
Large Text (above 18pt) WCAG AA ✓ Pass

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

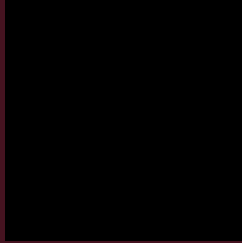
Any Text WCAG AA × Fail

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 451320 Background



This preview shows how black text looks on a background with the Hex color 451320.



This preview shows how white text looks on a background with the Hex color 451320.

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
451320

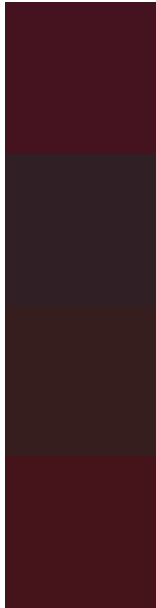
Protanopia
26262A

Deuteranopia
2D251E



Tritanopia
441516

Trichromacy



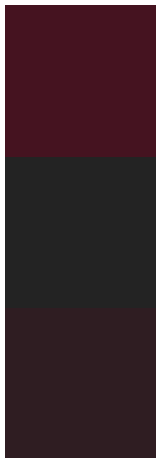
Original Color
451320

Protanomaly
311F26

Deuteranomaly
361E1F

Tritanomaly
44141A

Monochromacy



Original Color
451320

Achromatopsia
232323

Achromatomaly
2F1D22

CSS Examples

Text

The CSS property to change the color of the text to Hex 451320 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 #451320 looks like.

```
.text, #text, p{  
    color:#451320  
}
```

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 #451320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451320
}
```

Border

The CSS property to change the border of an element to Hex 451320 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".

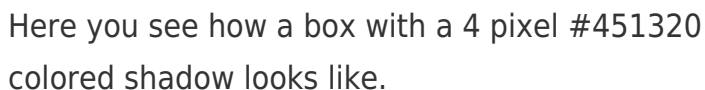
```
.border, #border, table{ border:4px solid
#451320 }
```

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

```
.border{ border-color:#451320 }
```

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

Here you see how a box with a 4 pixel #451320 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451320; -webkit-box-shadow:4px 4px  
4px 4px #451320; box-shadow:4px 4px 4px  
4px #451320 }
```

Background

The CSS property to change the background color of an element to Hex 451320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451320 }
```

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

```
.background{ background-color:#451320 }
```

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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