

Converting Colors

Hex(452016)

Have a look what the booklet for
Hex(452016) contains.

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Color

Hex(452016)

Conversions

Conversions Part 1

Format	Color
Hex	452016
RGB	69, 32, 22
RGB Percent	27%, 13%, 9%
CMY	0.7294, 0.8745, 0.9137
CMYK	0.00, 0.54, 0.68, 0.73
HSL	13°, 52%, 18%
HSV	13°, 68%, 27%
XYZ	3.1156, 2.3562, 1.0496
YIQ	41.9230, 25.2620, 4.7340

Conversions

Conversions Part 2

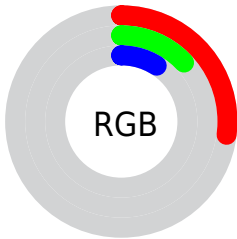
Format	Color
RYB	69, 35, 22
Decimal	4530198
CIELab	17.26, 16.68, 14.77
CIELCh	17, 22.278, 41.532
Yxy	2.3562, 0.4777, 0.3613
Android (android.graphics.Color)	4282720278 (0xFF452016)
YUV	41.9230, -9.8220, 23.7465
Hunter-Lab	15.3498, 9.3683, 6.6906

Details

The Hex color **452016** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **163B45**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **784D41**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **451B0F**, and if you desaturate by 10%, it is **45251D**.

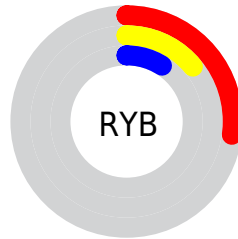
Distribution



Red (27%)

Green (13%)

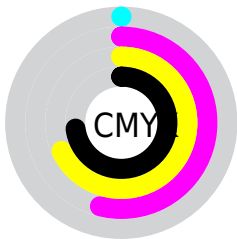
Blue (9%)



Red (27%)

Yellow (14%)

Blue (9%)

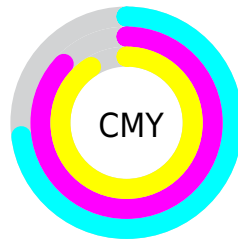


Cyan (0%)

Magenta (54%)

Yellow (68%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452016 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 452016 by changing the saturation by 10% instead.

 452016

 452016

 FFFFF8

 2E0B00

 784D41

 0C0000

 936558

 000000

 AE7E71

 CA988A

 E7B3A4

 FFCFBF

 FFE8DB

 452016

 452016

■ 451B0F

■ 45251D

■ 451508

■ 452B24

■ 451001

■ 45302B

■ 450F00

■ 453632

■ 453B38

■ 45413F

■ 454646

■ 454B4D

■ 455154

Harmonies

Analogous

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



481C25



452016



3C260A

Triad

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



452016



003220



192A4A

Complementary

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



452016



163B45

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.



002F49



452016



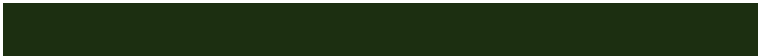
003230

Square

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



452016



1C2F11



00323F



332442

Rectangle

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



452016



332A06



00323F



0A2C4A

Sweetspot

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



452016



594B47



45163C



2E2523



ADADAD



2E2E2E

Same Dimension

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



452016



592010



453716



242120



631500



E33000

Inverse Universe

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



163B45



104A59



162445



202324



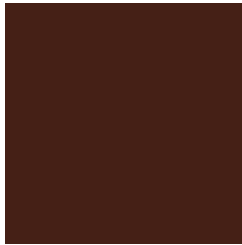
004E63



00B3E3

Previews

White Background



This preview shows how the Hex color 452016 looks on a white background.

Color Contrast Check

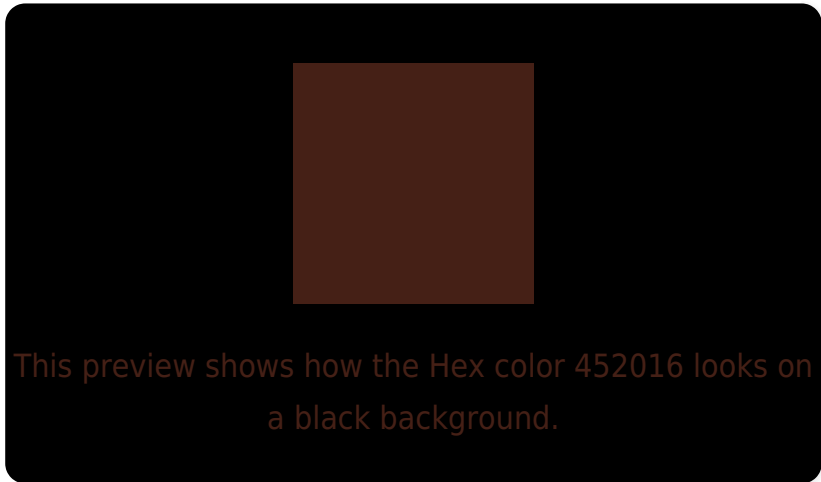
Large Text (above 18pt) WCAG AA ✓ Pass

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

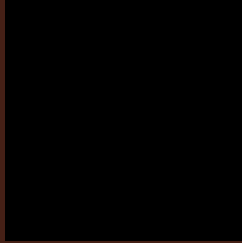
Any Text WCAG AA × Fail

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 452016 Background



This preview shows how black text looks on a background with the Hex color 452016.

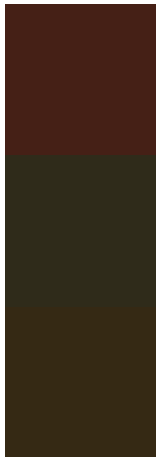


This preview shows how white text looks on a background with the Hex color 452016.

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
452016

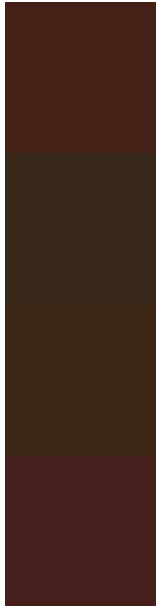
Protanopia
2F2B1A

Deuteranopia
352914



Tritanopia
461F21

Trichromacy



Original Color
452016

Protanomaly
372719

Deuteranomaly
3B2615

Tritanomaly
461F1D

Monochromacy



Original Color
452016

Achromatopsia
2A2A2A

Achromatomaly
342623

CSS Examples

Text

The CSS property to change the color of the text to Hex 452016 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 #452016 looks like.

```
.text, #text, p{  
    color:#452016  
}
```

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 #452016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452016
}
```

Border

The CSS property to change the border of an element to Hex 452016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

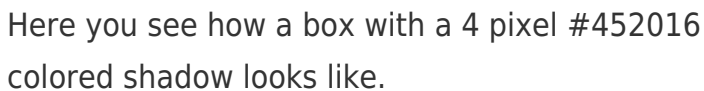
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452016 }
```

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

```
.border{ border-color:#452016 }
```

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



Here you see how a box with a 4 pixel #452016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452016; -webkit-box-shadow:4px 4px  
4px 4px #452016; box-shadow:4px 4px 4px  
4px #452016 }
```

Background

The CSS property to change the background color of an element to Hex 452016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452016 }
```

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

```
.background{ background-color:#452016 }
```

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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