

Converting Colors

Hex(452C09)

Have a look what the booklet for
Hex(452C09) contains.

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Color

Hex(452C09)

Conversions

Conversions Part 1

Format	Color
Hex	452C09
RGB	69, 44, 9
RGB Percent	27%, 17%, 4%
CMY	0.7294, 0.8275, 0.9647
CMYK	0.00, 0.36, 0.87, 0.73
HSL	35°, 77%, 15%
HSV	35°, 87%, 27%
XYZ	3.4042, 3.0863, 0.6747
YIQ	47.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

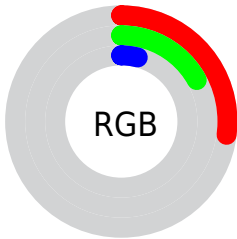
Format	Color
R_{YB}	52, 69, 9
Decimal	4533257
CIE Lab	20.39, 7.98, 25.50
CIE LCh	20, 26.717, 72.626
Yxy	3.0863, 0.4751, 0.4307
Android (android.graphics.Color)	4282723337 (0xFF452C09)
YUV	47.4850, -18.9731, 18.8687
Hunter-Lab	17.5679, 3.8453, 10.0203

Details

The Hex color **452C09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **092245**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **785936**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **452902**, and if you desaturate by 10%, it is **452F10**.

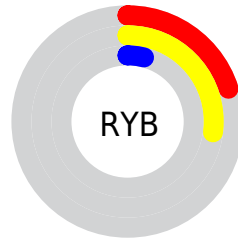
Distribution



Red (27%)

Green (17%)

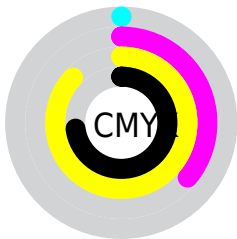
Blue (4%)



Red (20%)

Yellow (27%)

Blue (4%)

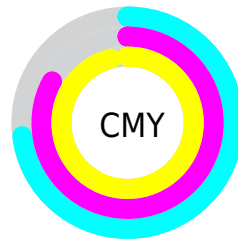


Cyan (0%)

Magenta (36%)

Yellow (87%)

Black (73%)



Cyan (73%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452C09 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 452C09 by changing the saturation by 10% instead.

 452C09

 452C09

 FFFFEB

 2D1700

 785936

 140000

 93724D

 000000

 AE8B65

 CAA67E

 E7C198

 FFDDDB3

 FFF9CF

 452C09

 452C09

■ 452902

■ 452F10

■ 452800

■ 453217

■ 45351E

■ 453825

■ 453A2B

■ 453D32

■ 454039

■ 454340

■ 454647

Harmonies

Analogous

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



512417



452C09



343306

Triad

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



452C09



003B39



3D284E

Complementary

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



452C09



092245

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.



1B3157



452C09



003A4B

Square

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



452C09



003A25



003656



4F213D

Rectangle

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



452C09



26360E



003656



342B52

Sweetspot

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



452C09



595042



450922



2E2820



ADADAD



2E2E2E

Same Dimension

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



452C09



593400



404509



242220



633A00



E38400

Inverse Universe

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



092245



002559



0E0945



202224



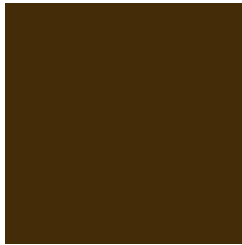
002963



005FE3

Previews

White Background



This preview shows how the Hex color 452C09 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

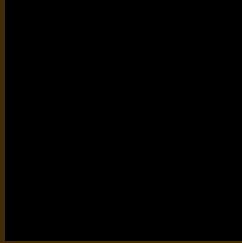
Any Text WCAG AA × Fail

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 452C09 Background



This preview shows how black text looks on a background with the Hex color 452C09.



This preview shows how white text looks on a background with the Hex color 452C09.

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
452C09

Protanopia
38320B

Deuteranopia
3F2F07



Tritanopia
47292C

Trichromacy



Original Color
452C09

Protanomaly
3D300A

Deuteranomaly
412E08

Tritanomaly
462A1F

Monochromacy



Original Color
452C09

Achromatopsia
2F2F2F

Achromatomaly
372E21

CSS Examples

Text

The CSS property to change the color of the text to Hex 452C09 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 #452C09 looks like.

```
.text, #text, p{  
    color:#452C09  
}
```

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 #452C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452C09
}
```

Border

The CSS property to change the border of an element to Hex 452C09 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".

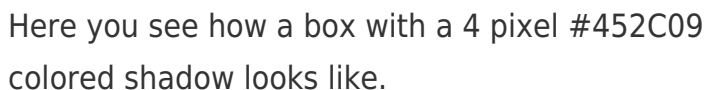
```
.border, #border, table{ border:4px solid
#452C09 }
```

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

```
.border{ border-color:#452C09 }
```

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

Here you see how a box with a 4 pixel #452C09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452C09; -webkit-box-shadow:4px 4px  
4px 4px #452C09; box-shadow:4px 4px 4px  
4px #452C09 }
```

Background

The CSS property to change the background color of an element to Hex 452C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452C09 }
```

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

```
.background{ background-color:#452C09 }
```

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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