

# Converting Colors

Hex(452D09)

Have a look what the booklet for  
Hex(452D09) contains.

<b>Hex(452D09)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(452D09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452D09
RGB	69, 45, 9
RGB Percent	27%, 18%, 4%
CMY	0.7294, 0.8235, 0.9647
CMYK	0.00, 0.35, 0.87, 0.73
HSL	36°, 77%, 15%
HSV	36°, 87%, 27%
XYZ	3.4419, 3.1617, 0.6873
YIQ	48.0720, 25.8600, -6.1080

# Conversions

## Conversions Part 2

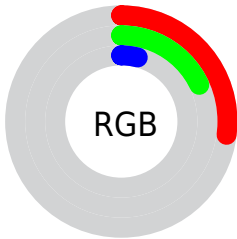
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 69, 9
Decimal	4533513
CIE Lab	20.68, 7.32, 25.82
CIE LCh	21, 26.841, 74.181
Yxy	3.1617, 0.4721, 0.4336
Android (android.graphics.Color)	4282723593 (0xFF452D09)
YUV	48.0720, -19.2625, 18.3539
Hunter-Lab	17.7812, 3.4355, 10.1551

# Details

The Hex color **452D09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **092145**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **785B36**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **452A02**, and if you desaturate by 10%, it is **453010**.

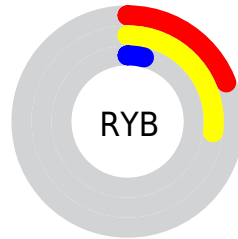
# Distribution



Red (27%)

Green (18%)

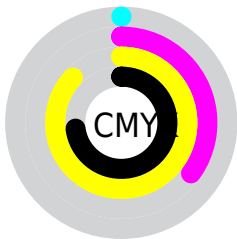
Blue (4%)



Red (19%)

Yellow (27%)

Blue (4%)

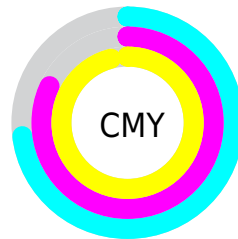


Cyan (0%)

Magenta (35%)

Yellow (87%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452D09 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 452D09 by changing the saturation by 10% instead.



 452D09

 452D09

 FFFFEB

 2D1800

 785B36

 140000

 93734D

 000000

 AE8D65

 CAA77E

 E7C299

 FFDEB3

 FFFBCF

 452D09

 452D09

■ 452A02

■ 453010

■ 452900

■ 453317

■ 45351E

■ 453825

■ 453B2B

■ 453E32

■ 454039

■ 454340

■ 454647

# Harmonies

## Analogous

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



512517



452D09



343407

# Triad

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



452D09



003B3B



3F294E

# Complementary

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



452D09



092145

# 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.



1E3158



452D09



003A4D

# Square

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



452D09



003B26



003758



50213D

# Rectangle

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



452D09



25370F



003758



362B53



# Sweetspot

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



452D09



595042



450921



2E2820



ADADAD



2E2E2E



# Same Dimension

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



452D09



593600



3F4509



242220



633C00



E38800



# Inverse Universe

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



092145



002459



0F0945



202224



002863

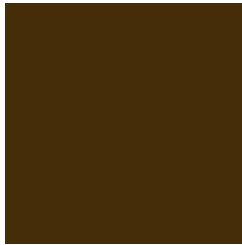


005BE3



# Previews

## White Background



This preview shows how the Hex color 452D09 looks on a white background.

## Color Contrast Check

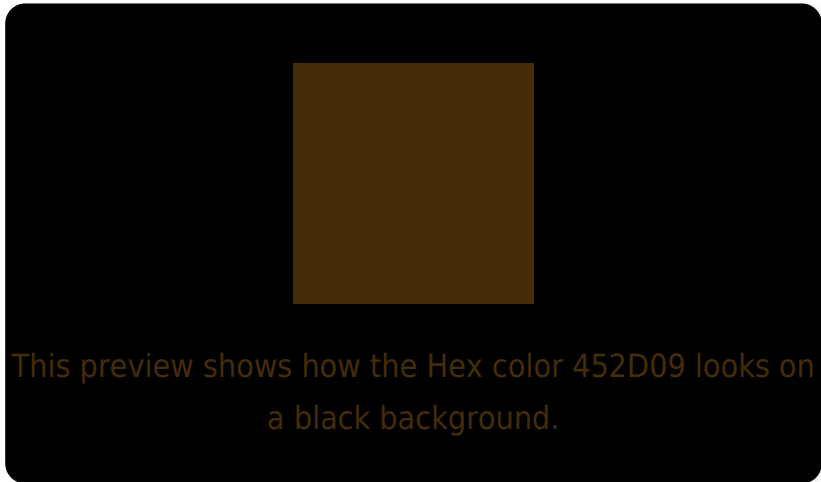
Large Text (above 18pt) WCAG AA ✓ Pass

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

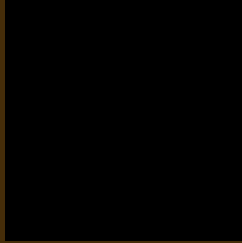
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 452D09 Background



This preview shows how black text looks on a background with the Hex color 452D09.



This preview shows how white text looks on a background with the Hex color 452D09.

# 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**  
452D09

**Protanopia**  
39320A

**Deuteranopia**  
3F3007



**Tritanopia**  
472A2D

# Trichromacy



**Original Color**  
452D09

**Protanomaly**  
3D300A

**Deuteranomaly**  
412F08

**Tritanomaly**  
462B20

# Monochromacy



**Original Color**  
452D09

**Achromatopsia**  
303030

**Achromatomaly**  
382F22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452D09 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 #452D09 looks like.

```
.text, #text, p{  
    color:#452D09  
}
```

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 #452D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452D09
}
```

## Border

The CSS property to change the border of an element to Hex 452D09 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".

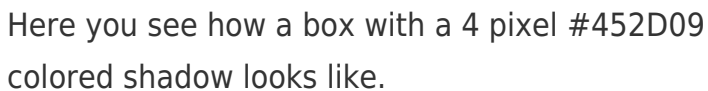
```
.border, #border, table{ border:4px solid
#452D09 }
```

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

```
.border{ border-color:#452D09 }
```

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

Here you see how a box with a 4 pixel #452D09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452D09; -webkit-box-shadow:4px 4px  
4px 4px #452D09; box-shadow:4px 4px 4px  
4px #452D09 }
```

# Background

The CSS property to change the background color of an element to Hex 452D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452D09 }
```

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

```
.background{ background-color:#452D09 }
```

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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