

Converting Colors

Hex(452824)

Have a look what the booklet for
Hex(452824) contains.

Hex(452824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(452824)

Conversions

Conversions Part 1

Format	Color
Hex	452824
RGB	69, 40, 36
RGB Percent	27%, 16%, 14%
CMY	0.7294, 0.8431, 0.8588
CMYK	0.00, 0.42, 0.48, 0.73
HSL	7°, 31%, 21%
HSV	7°, 48%, 27%
XYZ	3.5315, 2.9102, 2.0447
YIQ	48.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

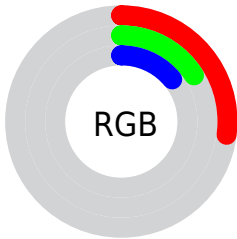
Format	Color
RYB	69, 41, 36
Decimal	4532260
CIELab	19.68, 13.05, 8.36
CIELCh	20, 15.496, 32.642
Yxy	2.9102, 0.4161, 0.3429
Android (android.graphics.Color)	4282722340 (0xFF452824)
YUV	48.2150, -6.0220, 18.2284
Hunter-Lab	17.0592, 7.0981, 4.8352

Details

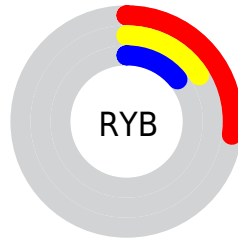
The Hex color **452824** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **244145**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **775550**, and **180001** is the 20% darker color. If you saturate the color by 10%, you get **45221D**, and if you desaturate by 10%, it is **452E2B**.

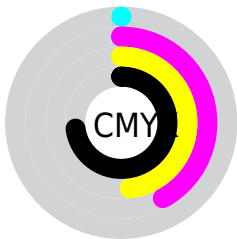
Distribution



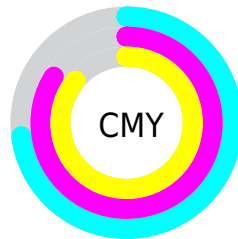
- Red (27%)
- Green (16%)
- Blue (14%)



- Red (27%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (73%)



- Cyan (73%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452824 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 452824 by changing the saturation by 10% instead.



452824



452824

FFFFFF



2E130F



775550



180001



916E69



000000



AC8782



C7A29C



E4BDB7



FFD8D2



FFF5EE



452824



452824

■ 45221D

■ 452E2B

■ 451C16

■ 453432

■ 45160F

■ 453A39

■ 451008

■ 454040

■ 450A02

■ 454647

■ 450800

■ 454C4D

■ 455254

■ 45595B

■ 455F62

Harmonies

Analogous

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



45272F



452824



402B1C

Triad

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



452824



1D3525



213046

Complementary

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



452824



244145

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.



0D3443



452824



0D3630

Square

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



452824



2A331C



03353B



322C43

Rectangle

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



452824



3A2E19



03353B



1A3246

Sweetspot

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



452824



594E4D



452441



2E2726



ADADAD



2E2E2E

Same Dimension

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



452824



592D26



453824



242120



630C00



E31C00

Inverse Universe

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



244145



265359



243145



202324



005763



00C7E3

Previews

White Background



This preview shows how the Hex color 452824 looks on a white background.

Color Contrast Check

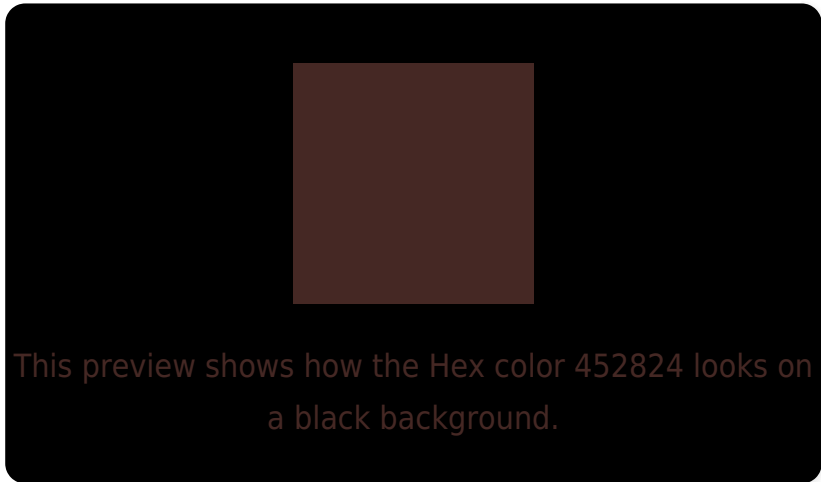
Large Text (above 18pt) WCAG AA ✓ Pass

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 452824 Background



This preview shows how black text looks on a background with the Hex color 452824.

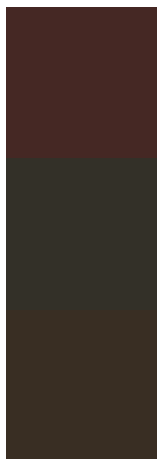


This preview shows how white text looks on a background with the Hex color 452824.

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
452824

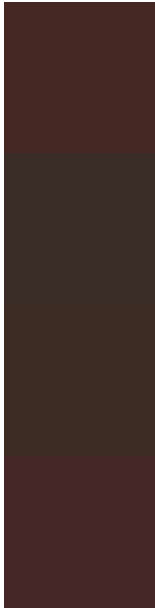
Protanopia
333028

Deuteranopia
392E23



Tritanopia
45272A

Trichromacy



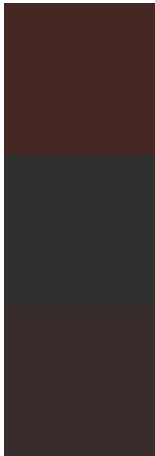
Original Color
452824

Protanomaly
3A2D27

Deuteranomaly
3D2C23

Tritanomaly
452728

Monochromacy



Original Color
452824

Achromatopsia
303030

Achromatomaly
382D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 452824 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 #452824 looks like.

```
.text, #text, p{  
    color:#452824  
}
```

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 #452824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452824
}
```

Border

The CSS property to change the border of an element to Hex 452824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

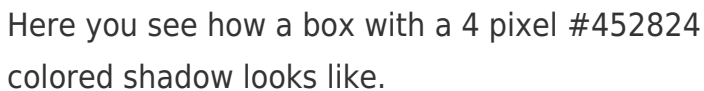
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452824 }
```

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

```
.border{ border-color:#452824 }
```

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



Here you see how a box with a 4 pixel #452824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452824; -webkit-box-shadow:4px 4px  
4px 4px #452824; box-shadow:4px 4px 4px  
4px #452824 }
```

Background

The CSS property to change the background color of an element to Hex 452824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452824 }
```

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

```
.background{ background-color:#452824 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor