

Converting Colors

Hex(453333)

Have a look what the booklet for
Hex(453333) contains.

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Color

Hex(453333)

Conversions

Conversions Part 1

Format	Color
Hex	453333
RGB	69, 51, 51
RGB Percent	27%, 20%, 20%
CMY	0.7294, 0.8000, 0.8000
CMYK	0.00, 0.26, 0.26, 0.73
HSL	0°, 15%, 24%
HSV	0°, 26%, 27%
XYZ	4.2356, 3.8719, 3.6561
YIQ	56.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

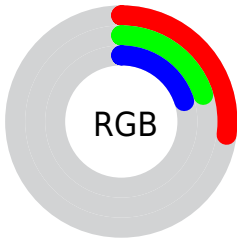
Format	Color
RYB	69, 51, 51
Decimal	4535091
CIELab	23.24, 8.12, 3.14
CIELCh	23, 8.701, 21.138
Yxy	3.8719, 0.3601, 0.3291
Android (android.graphics.Color)	4282725171 (0xFF453333)
YUV	56.3820, -2.6533, 11.0660
Hunter-Lab	19.6771, 3.9883, 2.7577

Details

The Hex color **453333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334545**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **766161**, and **1B0505** is the 20% darker color. If you saturate the color by 10%, you get **452C2C**, and if you desaturate by 10%, it is **453A3A**.

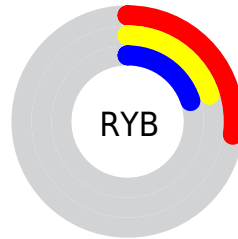
Distribution



Red (27%)

Green (20%)

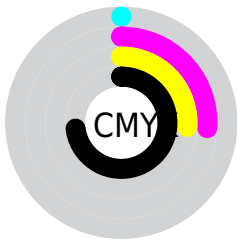
Blue (20%)



Red (27%)

Yellow (20%)

Blue (20%)

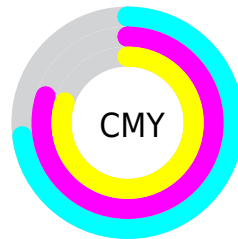


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (73%)



Cyan (73%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453333 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 453333 by changing the saturation by 10% instead.

■ 453333

■ 453333

FFFFFF

■ 2E1E1E

■ 766161

■ 1B0505

■ 8F7A7A

■ 000000

■ AA9494

■ C5AFAE

■ E1CACA

■ FEE6E6

■ 453333

■ 453333

■ 452C2C

■ 453A3A

■ 452525

■ 454141

■ 451E1E

■ 454848

■ 451717

■ 454F4F

■ 451111

■ 455656

■ 450A0A

■ 455C5C

■ 450303

■ 456363

■ 450000

■ 456A6A

■ 457171

Harmonies

Analogous

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



43333A



453333



43342E

Triad

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



453333



303A2F



2E3944

Complementary

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



453333



334545

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.



273A41



453333



2A3B35

Square

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



453333



38382B



263B3C



363643

Rectangle

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



453333



40362B



263B3C



2B3943

Sweetspot

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



453333



595252



453345



2E2929



ADADAD



2E2E2E

Same Dimension

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



453333



593E3E



453C33



242020



630000



E30000

Inverse Universe

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



334545



3E5959



333C45



202424



006363



00E3E3

Previews

White Background



This preview shows how the Hex color 453333 looks on a white background.

Color Contrast Check

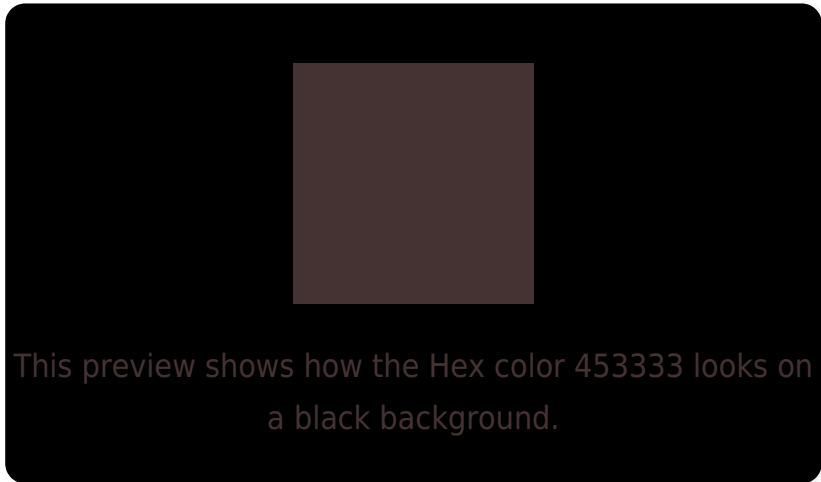
Large Text (above 18pt) WCAG AA ✓ Pass

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

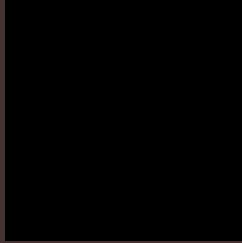
Any Text WCAG AA × Fail

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 453333 Background



This preview shows how black text looks on a background with the Hex color 453333.

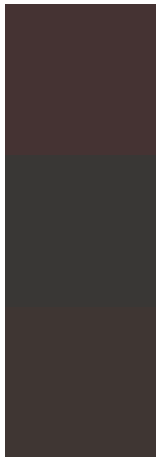


This preview shows how white text looks on a background with the Hex color 453333.

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](#).

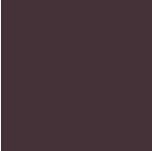
Dichromacy



Original Color
453333

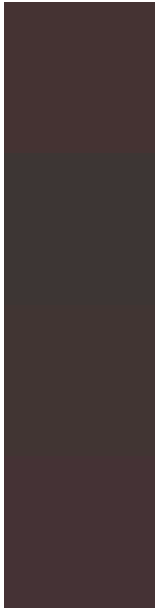
Protanopia
393735

Deuteranopia
3F3633



Tritanopia
453236

Trichromacy



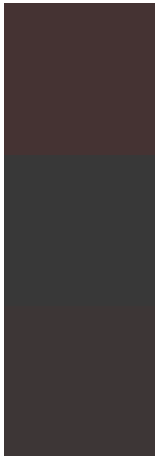
Original Color
453333

Protanomaly
3D3634

Deuteranomaly
413533

Tritanomaly
453235

Monochromacy



Original Color
453333

Achromatopsia
383838

Achromatomaly
3D3636

CSS Examples

Text

The CSS property to change the color of the text to Hex 453333 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 #453333 looks like.

```
.text, #text, p{  
    color:#453333  
}
```

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 #453333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453333
}
```

Border

The CSS property to change the border of an element to Hex 453333 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".

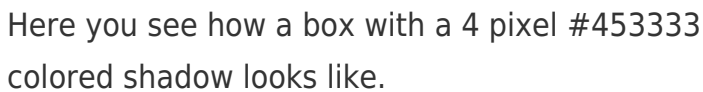
```
.border, #border, table{ border:4px solid
#453333 }
```

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

```
.border{ border-color:#453333 }
```

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

Here you see how a box with a 4 pixel #453333 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453333; -webkit-box-shadow:4px 4px  
4px 4px #453333; box-shadow:4px 4px 4px  
4px #453333 }
```

Background

The CSS property to change the background color of an element to Hex 453333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453333 }
```

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

```
.background{ background-color:#453333 }
```

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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