

Converting Colors

Hex(453233)

Have a look what the booklet for
Hex(453233) contains.

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Color

Hex(453233)

Conversions

Conversions Part 1

Format	Color
Hex	453233
RGB	69, 50, 51
RGB Percent	27%, 20%, 20%
CMY	0.7294, 0.8039, 0.8000
CMYK	0.00, 0.28, 0.26, 0.73
HSL	357°, 16%, 23%
HSV	357°, 28%, 27%
XYZ	4.1924, 3.7854, 3.6417
YIQ	55.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

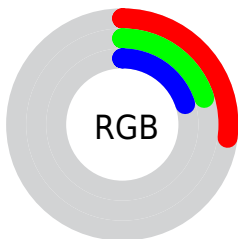
Format	Color
RYB	69, 50, 51
Decimal	4534835
CIELab	22.95, 8.78, 2.72
CIELCh	23, 9.189, 17.187
Yxy	3.7854, 0.3608, 0.3258
Android (android.graphics.Color)	4282724915 (0xFF453233)
YUV	55.7950, -2.3639, 11.5808
Hunter-Lab	19.4562, 4.4146, 2.5219

Details


The Hex color **453233** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **324544**, and the grayscale version is **383838**.


A 20% lighter version of the original color is **766061**, and **1B0405** is the 20% darker color. If you saturate the color by 10%, you get **452B2C**, and if you desaturate by 10%, it is **45393A**.

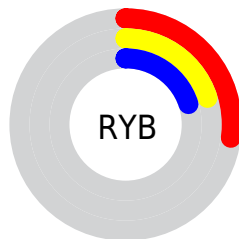
Distribution



 Red (27%)

 Green (20%)

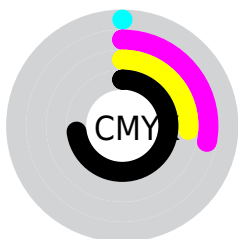
 Blue (20%)



 Red (27%)

 Yellow (20%)

 Blue (20%)

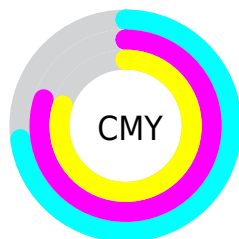



 Cyan (0%)

 Magenta (28%)

 Yellow (26%)

 Black (73%)



 Cyan (73%)

 Magenta (80%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453233 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 453233 by changing the saturation by 10% instead.



453233



453233

FFFFFF



2E1D1E



766061



1B0405



8F797A



000000



AA9394



C5AEAE



E2C9CA



FEE5E6



453233



453233



452B2C



45393A

■ 452426

■ 454040

■ 451D1F

■ 454747

■ 451619

■ 454E4D

■ 450F12

■ 455554

■ 45090C

■ 455B5A

■ 450205

■ 456261

■ 450004

■ 456967

■ 45706E

Harmonies

Analogous

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



43323A



453233



43332D

Triad

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



453233



30392D



2B3844

Complementary

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



453233



324544

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.



253A41



453233



293A33

Square

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



453233



38382A



243B3B



343644

Rectangle

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



453233



41352A



243B3B



293943

Sweetspot

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



453233



595252



443245



2E292A



ADADAD



2E2E2E

Same Dimension

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



453233



593C3D



453A32



242020



630005



E3000C

Inverse Universe

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



453233



593C3D



323D45



242020



630005



E3000C

Previews

White Background



This preview shows how the Hex color 453233 looks on a white background.

Color Contrast Check

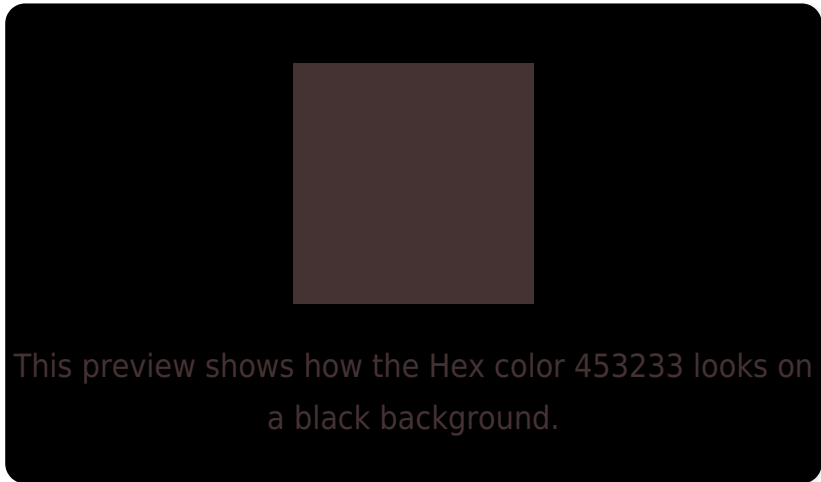
Large Text (above 18pt) WCAG AA ✓ Pass

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

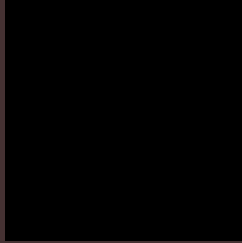
Any Text WCAG AA × Fail

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 453233 Background



This preview shows how black text looks on a background with the Hex color 453233.

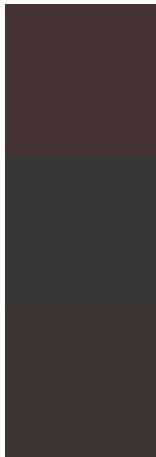


This preview shows how white text looks on a background with the Hex color 453233.

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
453233

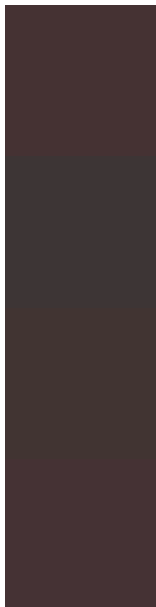
Protanopia
383736

Deuteranopia
3E3532



Tritanopia
453235

Trichromacy



Original Color

453233

Protanomaly

3D3535

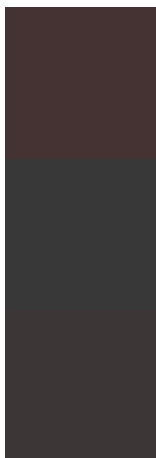
Deuteranomaly

413432

Tritanomaly

453234

Monochromacy



Original Color

453233

Achromatopsia

383838

Achromatomaly

3D3636

CSS Examples

Text

The CSS property to change the color of the text to Hex 453233 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 #453233 looks like.

```
.text, #text, p{  
    color:#453233  
}
```

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 #453233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453233
}
```

Border

The CSS property to change the border of an element to Hex 453233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

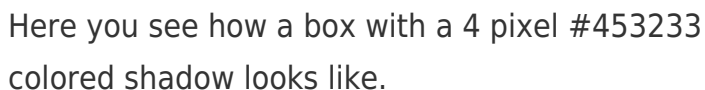
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453233 }
```

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

```
.border{ border-color:#453233 }
```

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



Here you see how a box with a 4 pixel #453233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453233; -webkit-box-shadow:4px 4px  
4px 4px #453233; box-shadow:4px 4px 4px  
4px #453233 }
```

Background

The CSS property to change the background color of an element to Hex 453233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453233 }
```

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

```
.background{ background-color:#453233 }
```

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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