

Converting Colors

Hex(453E40)

Have a look what the booklet for
Hex(453E40) contains.

Hex(453E40)	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(453E40)

Conversions

Conversions Part 1

Format	Color
Hex	453E40
RGB	69, 62, 64
RGB Percent	27%, 24%, 25%
CMY	0.7294, 0.7569, 0.7490
CMYK	0.00, 0.10, 0.07, 0.73
HSL	343°, 5%, 26%
HSV	343°, 10%, 27%
XYZ	5.1023, 5.0806, 5.5622
YIQ	64.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

Format	Color
RYB	69, 62, 64
Decimal	4537920
CIELab	26.96, 3.43, -0.13
CIELCh	27, 3.432, 357.747
Yxy	5.0806, 0.3241, 0.3227
Android (android.graphics.Color)	4282728000 (0xFF453E40)
YUV	64.3210, -0.1583, 4.1035
Hunter-Lab	22.5402, 0.9604, 1.1472

Details

The Hex color **453E40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4543**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **756D70**, and **1A1416** is the 20% darker color. If you saturate the color by 10%, you get **45373B**, and if you desaturate by 10%, it is **454545**.

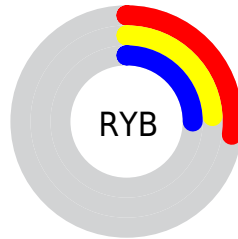
Distribution



Red (27%)

Green (24%)

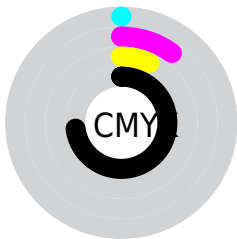
Blue (25%)



Red (27%)

Yellow (24%)

Blue (25%)

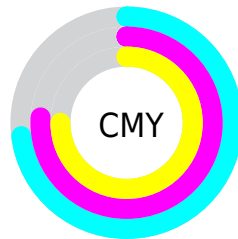


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453E40 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 453E40 by changing the saturation by 10% instead.

■ 453E40

■ 453E40

FFFFFF

■ 2F282A

■ 756D70

■ 1A1416

■ 8F8789

■ 000000

■ A9A1A3

■ C4BCBE

■ E0D8DA

■ FDF4F7

■ 453E40

■ 453E40

■ 45373B

■ 454545

■ 453036

■ 454C4A

■ 452931

■ 45534F

■ 45222C

■ 455A54

■ 451C27

■ 456159

■ 451522

■ 45675E

■ 450E1E

■ 456E62

■ 450719

■ 457567

■ 450014

■ 457C6C

Harmonies

Analogous

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



433E43



453E40



463E3D

Triad

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



453E40



3F403B



3A4144

Complementary

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



453E40



3E4543

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.



394142



453E40



3C413D

Square

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



453E40



423F3B



3A413F



3D4045

Rectangle

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



453E40



453E3C



3A413F



3A4143

Sweetspot

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



453E40



595757



433E45



2E2C2D



ADADAD



2E2E2E

Same Dimension

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



453E40



594F52



453F3E



242021



63001C



E30041

Inverse Universe

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



453E40



594F52



3E4445



242021



63001C



E30041

Previews

White Background



This preview shows how the Hex color 453E40 looks on a white background.

Color Contrast Check

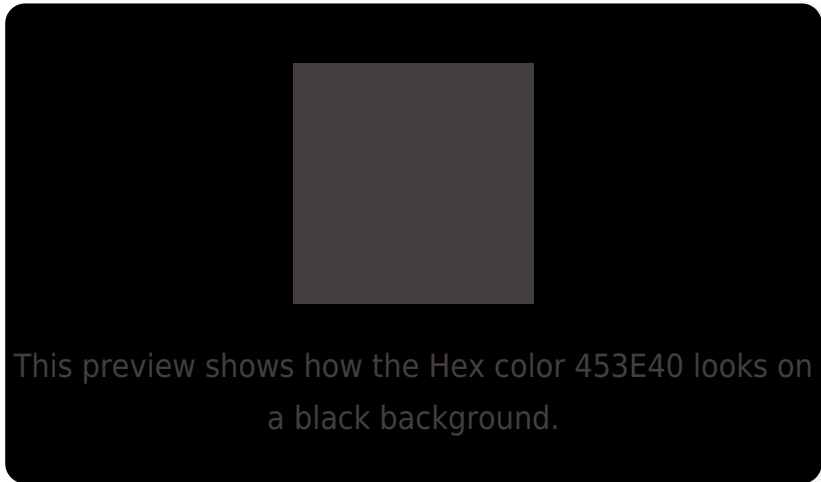
Large Text (above 18pt) WCAG AA ✓ Pass

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

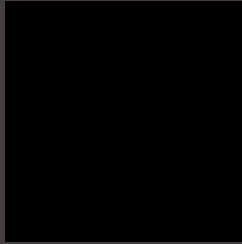
Any Text WCAG AA × Fail

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 453E40 Background



This preview shows how black text looks on a background with the Hex color 453E40.

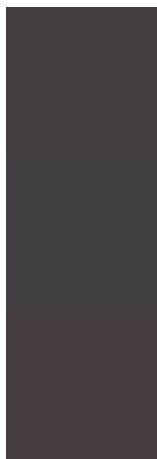


This preview shows how white text looks on a background with the Hex color 453E40.

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

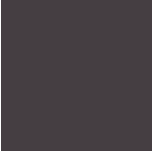
453E40

Protanopia

413F41

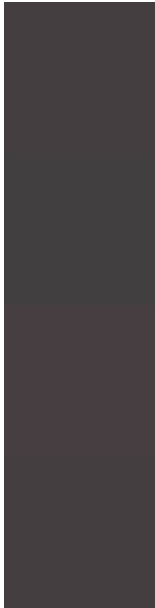
Deuteranopia

463E40



Tritanopia
453E42

Trichromacy



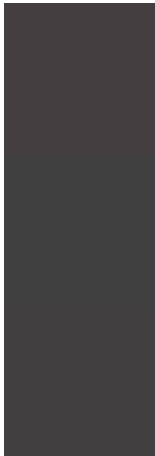
Original Color
453E40

Protanomaly
423F41

Deuteranomaly
463E40

Tritanomaly
453E41

Monochromacy



Original Color
453E40

Achromatopsia
404040

Achromatomaly
423F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 453E40 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 #453E40 looks like.

```
.text, #text, p{  
    color:#453E40  
}
```

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 #453E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453E40
}
```

Border

The CSS property to change the border of an element to Hex 453E40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

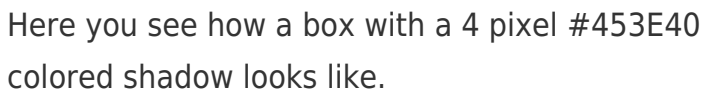
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453E40 }
```

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

```
.border{ border-color:#453E40 }
```

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



Here you see how a box with a 4 pixel #453E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453E40; -webkit-box-shadow:4px 4px  
4px 4px #453E40; box-shadow:4px 4px 4px  
4px #453E40 }
```

Background

The CSS property to change the background color of an element to Hex 453E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453E40 }
```

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

```
.background{ background-color:#453E40 }
```

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