

# Converting Colors

Hex(453127)

Have a look what the booklet for  
Hex(453127) contains.

<b>Hex(453127)</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(453127)

# Conversions

## Conversions Part 1

Format	Color
Hex	453127
RGB	69, 49, 39
RGB Percent	27%, 19%, 15%
CMY	0.7294, 0.8078, 0.8471
CMYK	0.00, 0.29, 0.43, 0.73
HSL	20°, 28%, 21%
HSV	20°, 43%, 27%
XYZ	3.9188, 3.6083, 2.4094
YIQ	53.8400, 15.1300, 1.1300

# Conversions

## Conversions Part 2

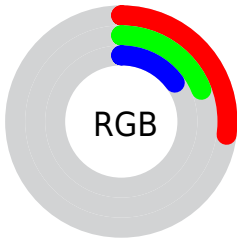
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 54, 39
Decimal	4534567
CIELab	22.33, 7.51, 9.94
CIELCh	22, 12.457, 52.932
Yxy	3.6083, 0.3944, 0.3631
Android (android.graphics.Color)	4282724647 (0xFF453127)
YUV	53.8400, -7.3161, 13.2953
Hunter-Lab	18.9956, 3.5821, 5.7766

# Details

The Hex color **453127** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **273B45**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **765F54**, and **190200** is the 20% darker color. If you saturate the color by 10%, you get **452C20**, and if you desaturate by 10%, it is **45362E**.

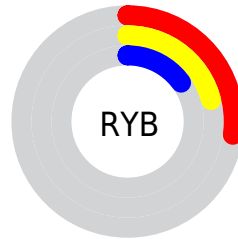
# Distribution



 Red (27%)

 Green (19%)

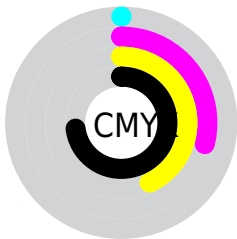
 Blue (15%)




 Red (27%)

 Yellow (21%)

 Blue (15%)

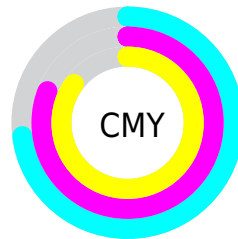


 Cyan (0%)

 Magenta (29%)

 Yellow (43%)

 Black (73%)



 Cyan (73%)

 Magenta (81%)

 Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453127 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 453127 by changing the saturation by 10% instead.





453127



453127

FFFFFF



2E1C13



765F54



190200



90786C



000000



AB9285



C6ACA0



E3C7BB



FFE4D6



FFFFF3



453127



453127

■ 452C20

■ 45362E

■ 452819

■ 453A35

■ 452312

■ 453F3C

■ 451F0B

■ 454343

■ 451A04

■ 45484A

■ 451700

■ 454D50

■ 455157

■ 45565E

■ 455A65

# Harmonies

## Analogous

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



482F2F



453127



3E3423

# Triad

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



453127



203A33



343446

# Complementary

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



453127



273B45

# 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.



273748



453127



193A3C

# Square

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



453127



2A392A



1C3944



3F3141

# Rectangle

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



453127



383623



1C3944



2F3547



# Sweetspot

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



453127



59524E



45273B



2E2927



ADADAD



2E2E2E



# Same Dimension

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



453127



593A2B



454027



242120



632100



E34C00



# Inverse Universe

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



273B45



2B4A59



272C45



202324



004263



0097E3



# Previews

## White Background



This preview shows how the Hex color 453127 looks on a white background.

## Color Contrast Check

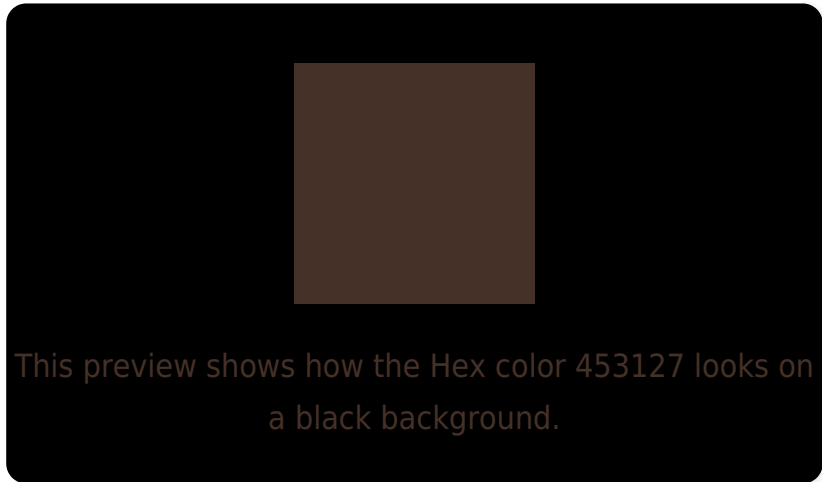
Large Text (above 18pt) WCAG AA ✓ Pass

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

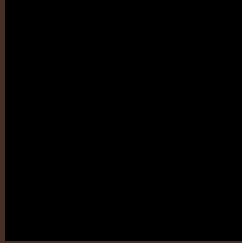
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453127 Background



This preview shows how black text looks on a background with the Hex color 453127.

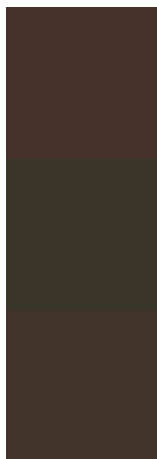


This preview shows how white text looks on a background with the Hex color 453127.

# 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**  
453127

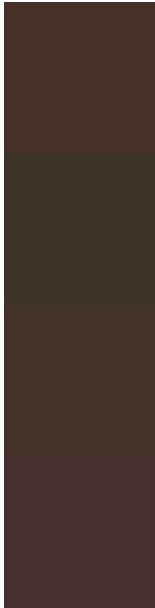
**Protanopia**  
393629

**Deuteranopia**  
403327



**Tritanopia**  
462F33

# Trichromacy



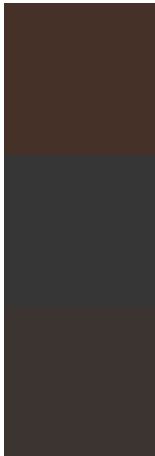
**Original Color**  
453127

**Protanomaly**  
3D3428

**Deuteranomaly**  
423227

**Tritanomaly**  
46302F

# Monochromacy



**Original Color**  
453127

**Achromatopsia**  
363636

**Achromatomaly**  
3B3431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453127 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 #453127 looks like.

```
.text, #text, p{  
    color:#453127  
}
```

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 #453127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453127  
}
```

## Border

The CSS property to change the border of an element to Hex 453127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

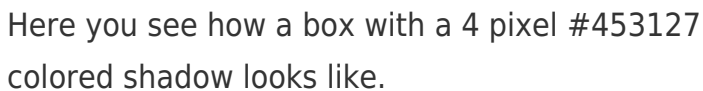
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#453127 }
```

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

```
.border{ border-color:#453127 }
```

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



Here you see how a box with a 4 pixel #453127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453127; -webkit-box-shadow:4px 4px  
4px 4px #453127; box-shadow:4px 4px 4px  
4px #453127 }
```

# Background

The CSS property to change the background color of an element to Hex 453127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453127 }
```

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

```
.background{ background-color:#453127 }
```

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