

Converting Colors

Hex(453B15)

Have a look what the booklet for
Hex(453B15) contains.

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Color

Hex(453B15)

Conversions

Conversions Part 1

Format	Color
Hex	453B15
RGB	69, 59, 21
RGB Percent	27%, 23%, 8%
CMY	0.7294, 0.7686, 0.9176
CMYK	0.00, 0.14, 0.70, 0.73
HSL	48°, 53%, 18%
HSV	48°, 70%, 27%
XYZ	4.1536, 4.4473, 1.3490
YIQ	57.6580, 18.1580, -9.6980

Conversions

Conversions Part 2

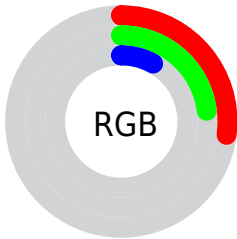
Format	Color
R_YB	34, 69, 21
Decimal	4537109
CIE Lab	25.10, -1.03, 24.58
CIE LCh	25, 24.602, 92.404
Yxy	4.4473, 0.4175, 0.4470
Android (android.graphics.Color)	4282727189 (0xFF453B15)
YUV	57.6580, -18.0724, 9.9469
Hunter-Lab	21.0886, -1.7480, 10.9694

Details

The Hex color **453B15** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **151F45**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **776A41**, and **161100** is the 20% darker color. If you saturate the color by 10%, you get **453A0E**, and if you desaturate by 10%, it is **453C1C**.

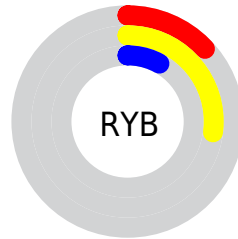
Distribution



 Red (27%)

 Green (23%)

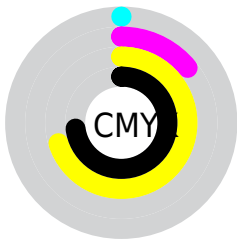
 Blue (8%)



 Red (13%)

 Yellow (27%)

 Blue (8%)

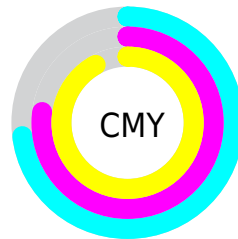


 Cyan (0%)

 Magenta (14%)

 Yellow (70%)

 Black (73%)



 Cyan (73%)

 Magenta (77%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453B15 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 453B15 by changing the saturation by 10% instead.

 453B15

 453B15

 FFFFFA

 2E2500

 776A41

 161100

 918359

 000000

 AC9D72

 C8B88C

 E4D4A6

 FFF0C2

 FFFFDE

 453B15

 453B15

■ 453A0E

■ 453C1C

■ 453807

■ 453E23

■ 453700

■ 453F2A

■ 454131

■ 454238

■ 45443E

■ 454545

■ 45474C

■ 454853

Harmonies

Analogous

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



54341B



453B15



32401B

Triad

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



453B15



00444F



542F4D

Complementary

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



453B15



151F45

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.



3F365B



453B15



00425C

Square

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



453B15



00453C



1D3D61



5E2C3B

Rectangle

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



453B15



224324



1D3D61



4E3152

Sweetspot

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



453B15



595547



45151F



2E2C22



ADADAD



2E2E2E

Same Dimension

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



453B15



594A0F



374515



242320



634F00



E3B400

Inverse Universe

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



151F45



0F1F59



231545



202124



001563



002FE3

Previews

White Background



This preview shows how the Hex color 453B15 looks on a white background.

Color Contrast Check

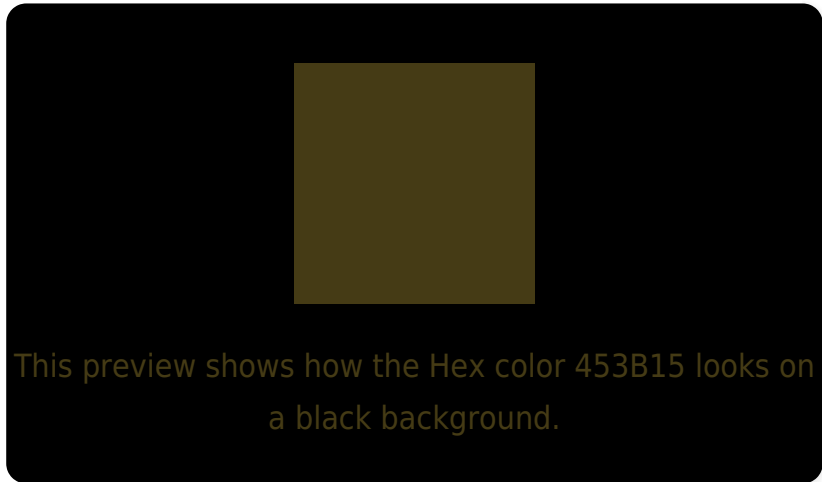
Large Text (above 18pt) WCAG AA ✓ Pass

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

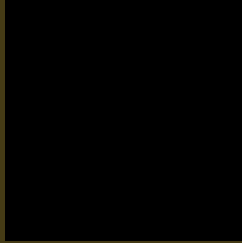
Any Text WCAG AA × Fail

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 453B15 Background



This preview shows how black text looks on a background with the Hex color 453B15.

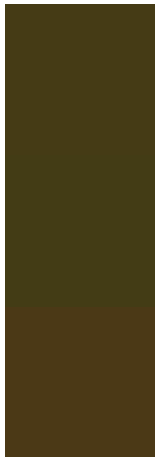


This preview shows how white text looks on a background with the Hex color 453B15.

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
453B15

Protanopia
433C15

Deuteranopia
4B3916



Tritanopia
48373B

Trichromacy



Original Color
453B15

Protanomaly
443C15

Deuteranomaly
493A16

Tritanomaly
47382D

Monochromacy



Original Color
453B15

Achromatopsia
3A3A3A

Achromatomaly
3E3A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 453B15 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 #453B15 looks like.

```
.text, #text, p{  
    color:#453B15  
}
```

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 #453B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453B15
}
```

Border

The CSS property to change the border of an element to Hex 453B15 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
#453B15 }
```

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

```
.border{ border-color:#453B15 }
```

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

Here you see how a box with a 4 pixel #453B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453B15; -webkit-box-shadow:4px 4px  
4px 4px #453B15; box-shadow:4px 4px 4px  
4px #453B15 }
```

Background

The CSS property to change the background color of an element to Hex 453B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453B15 }
```

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

```
.background{ background-color:#453B15 }
```

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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