

Converting Colors

Hex(453712)

Have a look what the booklet for
Hex(453712) contains.

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Color

Hex(453712)

Conversions

Conversions Part 1

Format	Color
Hex	453712
RGB	69, 55, 18
RGB Percent	27%, 22%, 7%
CMY	0.7294, 0.7843, 0.9294
CMYK	0.00, 0.20, 0.74, 0.73
HSL	44°, 59%, 17%
HSV	44°, 74%, 27%
XYZ	3.9296, 4.0413, 1.1452
YIQ	54.9680, 20.2210, -8.5390

Conversions

Conversions Part 2

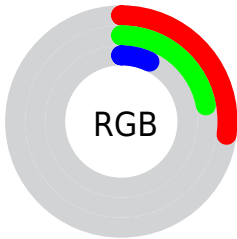
Format	Color
R_{YB}	37, 69, 18
Decimal	4536082
CIE Lab	23.81, 1.31, 24.81
CIE LCh	24, 24.848, 86.982
Yxy	4.0413, 0.4311, 0.4433
Android (android.graphics.Color)	4282726162 (0xFF453712)
YUV	54.9680, -18.2252, 12.3061
Hunter-Lab	20.1029, -0.2877, 10.6945

Details

The Hex color **453712** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **122045**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **77663E**, and **150C00** is the 20% darker color. If you saturate the color by 10%, you get **45350B**, and if you desaturate by 10%, it is **453919**.

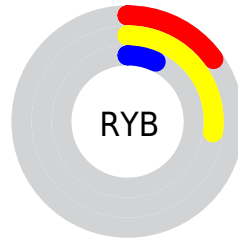
Distribution



Red (27%)

Green (22%)

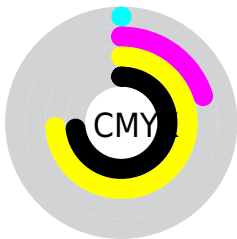
Blue (7%)



Red (15%)

Yellow (27%)

Blue (7%)

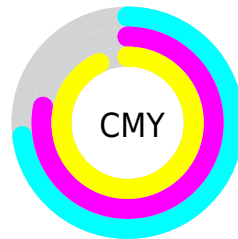


Cyan (0%)

Magenta (20%)

Yellow (74%)

Black (73%)



Cyan (73%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453712 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 453712 by changing the saturation by 10% instead.

 453712

 453712

 FFFFF6

 2E2200

 77663E

 150C00

 927E56

 000000

 AD986E

 C9B388

 E5CFA2

 FFEbbe

 FFFFDA

 453712

 453712

■ 45350B

■ 453919

■ 453304

■ 453B20

■ 453200

■ 453D27

■ 453F2E

■ 454035

■ 45423B

■ 454442

■ 454649

■ 454850

Harmonies

Analogous

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



53301A



453712



333D16

Triad

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



453712



004249



4E2D4D

Complementary

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



453712



122045

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.



37355A



453712



004058

Square

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



453712



004236



0D3B5E



5A293B

Rectangle

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



453712



243F1E



0D3B5E



473052

Sweetspot

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



453712



595446



451220



2E2B22



ADADAD



2E2E2E

Same Dimension

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



453712



59430A



3A4512



242320



634800



E3A500

Inverse Universe

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



122045



0A2059



1D1245



202124



001B63



003EE3

Previews

White Background



This preview shows how the Hex color 453712 looks on a white background.

Color Contrast Check

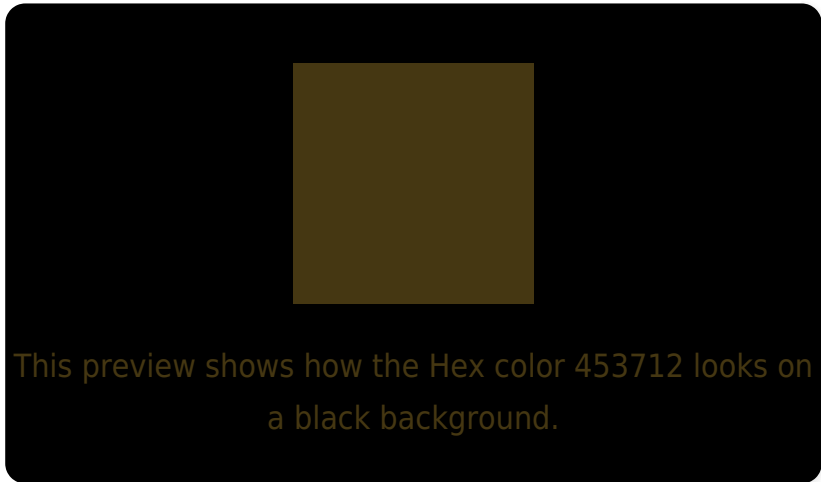
Large Text (above 18pt) WCAG AA ✓ Pass

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

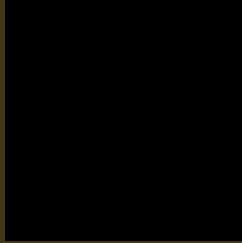
Any Text WCAG AA × Fail

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 453712 Background



This preview shows how black text looks on a background with the Hex color 453712.

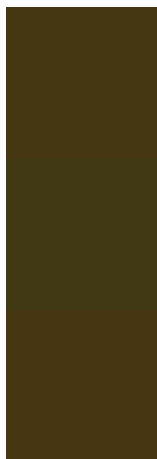


This preview shows how white text looks on a background with the Hex color 453712.

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](#).

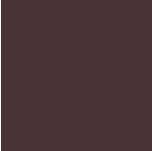
Dichromacy



Original Color
453712

Protanopia
403913

Deuteranopia
473612



Tritanopia
483337

Trichromacy



Original Color
453712

Protanomaly
423813

Deuteranomaly
463612

Tritanomaly
47342A

Monochromacy



Original Color
453712

Achromatopsia
373737

Achromatomaly
3C372A

CSS Examples

Text

The CSS property to change the color of the text to Hex 453712 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 #453712 looks like.

```
.text, #text, p{  
    color:#453712  
}
```

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 #453712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453712
}
```

Border

The CSS property to change the border of an element to Hex 453712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

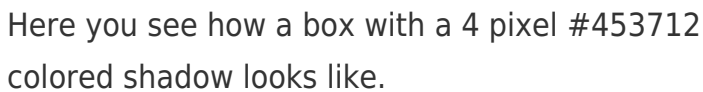
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453712 }
```

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

```
.border{ border-color:#453712 }
```

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



Here you see how a box with a 4 pixel #453712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453712; -webkit-box-shadow:4px 4px  
4px 4px #453712; box-shadow:4px 4px 4px  
4px #453712 }
```

Background

The CSS property to change the background color of an element to Hex 453712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453712 }
```

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

```
.background{ background-color:#453712 }
```

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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