

# Converting Colors

Hex(453212)

Have a look what the booklet for  
Hex(453212) contains.

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**Color**

**Hex(453212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	453212
RGB	69, 50, 18
RGB Percent	27%, 20%, 7%
CMY	0.7294, 0.8039, 0.9294
CMYK	0.00, 0.28, 0.74, 0.73
HSL	38°, 59%, 17%
HSV	38°, 74%, 27%
XYZ	3.7040, 3.5901, 1.0700
YIQ	52.0330, 21.5960, -5.9240

# Conversions

## Conversions Part 2

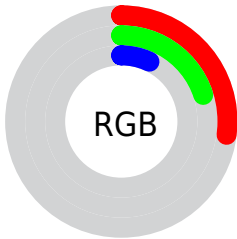
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	48, 69, 18
Decimal	4534802
CIE <sub>Lab</sub>	22.27, 4.57, 23.14
CIE <sub>LCh</sub>	22, 23.587, 78.820
Yxy	3.5901, 0.4428, 0.4292
Android (android.graphics.Color)	4282724882 (0xFF453212)
YUV	52.0330, -16.7783, 14.8801
Hunter-Lab	18.9475, 1.7366, 9.9151

# Details

The Hex color **453212** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **122545**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **77603E**, and **150400** is the 20% darker color. If you saturate the color by 10%, you get **452F0B**, and if you desaturate by 10%, it is **453519**.

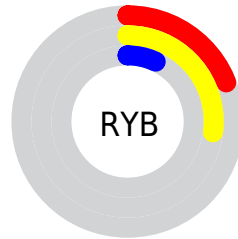
# Distribution



 Red (27%)

 Green (20%)

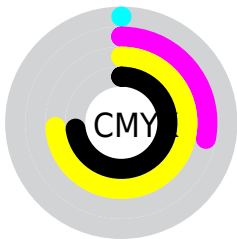
 Blue (7%)



 Red (19%)

 Yellow (27%)

 Blue (7%)

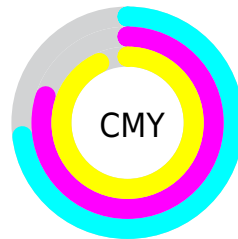


 Cyan (0%)

 Magenta (28%)

 Yellow (74%)

 Black (73%)



 Cyan (73%)

 Magenta (80%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453212 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 453212 by changing the saturation by 10% instead.



 453212

 453212

 FFFFF5

 2E1D00

 77603E

 150400

 927955

 000000

 AD926E

 C9AD87

 E5C8A2

 FFE4BD

 FFFFD9

 453212

 453212

■ 452F0B

■ 453519

■ 452D04

■ 453720

■ 452B00

■ 453A27

■ 453C2E

■ 453F35

■ 45413B

■ 454442

■ 454749

■ 454950

# Harmonies

## Analogous

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



512C1C



453212



353813

# Triad

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



453212



003E40



442C4C

# Complementary

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



453212



122545

# 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.



2C3356



453212



003D4F

# Square

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



453212



003E2E



003957



52273D

# Rectangle

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



453212



283A19



003957



3D2F51



# Sweetspot

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



453212



595246



451226



2E2922



ADADAD



2E2E2E



# Same Dimension

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



453212



593C0A



3F4512



242220



633E00



E38E00



# Inverse Universe

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



122545



0A2759



181245



202124



002563



0055E3



# Previews

## White Background



This preview shows how the Hex color 453212 looks on a white background.

## Color Contrast Check

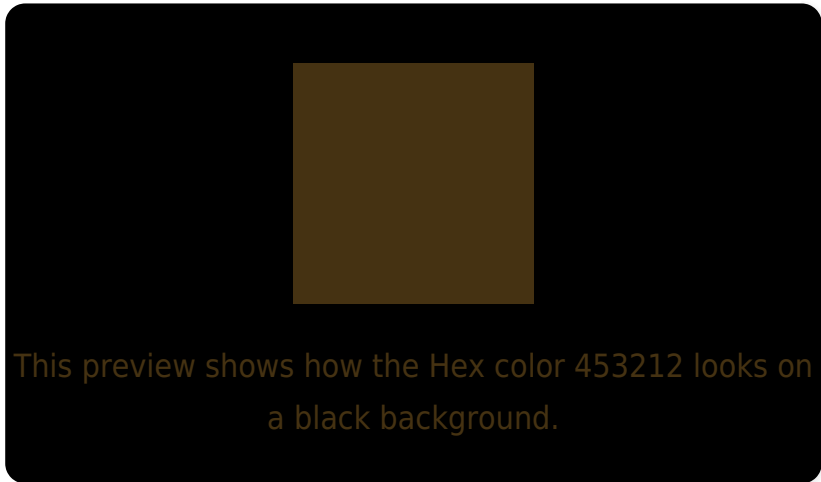
Large Text (above 18pt) WCAG AA ✓ Pass

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

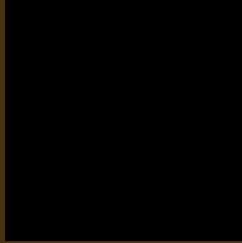
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453212 Background



This preview shows how black text looks on a background with the Hex color 453212.

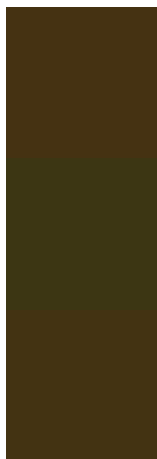


This preview shows how white text looks on a background with the Hex color 453212.

# 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**  
453212

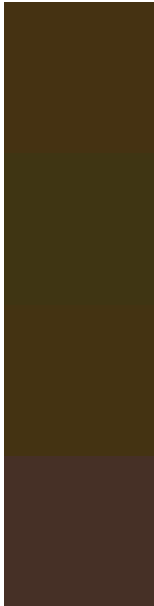
**Protanopia**  
3C3613

**Deuteranopia**  
433312



**Tritanopia**  
472F32

# Trichromacy



**Original Color**  
453212

**Protanomaly**  
3F3513

**Deuteranomaly**  
443312

**Tritanomaly**  
463026

# Monochromacy



**Original Color**  
453212

**Achromatopsia**  
343434

**Achromatomaly**  
3A3328

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453212 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 #453212 looks like.

```
.text, #text, p{  
    color:#453212  
}
```

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 #453212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453212
}
```

## Border

The CSS property to change the border of an element to Hex 453212 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".

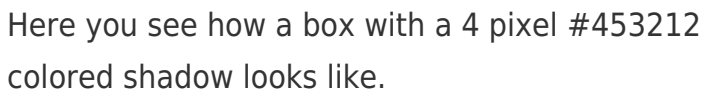
```
.border, #border, table{ border:4px solid
#453212 }
```

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

```
.border{ border-color:#453212 }
```

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

Here you see how a box with a 4 pixel #453212 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453212; -webkit-box-shadow:4px 4px  
4px 4px #453212; box-shadow:4px 4px 4px  
4px #453212 }
```

# Background

The CSS property to change the background color of an element to Hex 453212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453212 }
```

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

```
.background{ background-color:#453212 }
```

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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