

# Converting Colors

Hex(453218)

Have a look what the booklet for  
Hex(453218) contains.

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**Color**

**Hex(453218)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	453218
RGB	69, 50, 24
RGB Percent	27%, 20%, 9%
CMY	0.7294, 0.8039, 0.9059
CMYK	0.00, 0.28, 0.65, 0.73
HSL	35°, 48%, 18%
HSV	35°, 65%, 27%
XYZ	3.7597, 3.6124, 1.3632
YIQ	52.7170, 19.6700, -4.0580

# Conversions

## Conversions Part 2

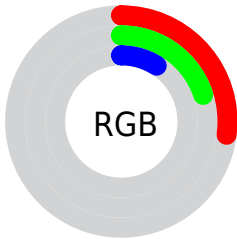
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 69, 24
Decimal	4534808
CIE Lab	22.35, 5.08, 19.67
CIE LCh	22, 20.318, 75.527
Yxy	3.6124, 0.4304, 0.4135
Android (android.graphics.Color)	4282724888 (0xFF453218)
YUV	52.7170, -14.1575, 14.2802
Hunter-Lab	19.0062, 2.0491, 9.0517

# Details

The Hex color **453218** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **182B45**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **776044**, and **160400** is the 20% darker color. If you saturate the color by 10%, you get **452F11**, and if you desaturate by 10%, it is **45351F**.

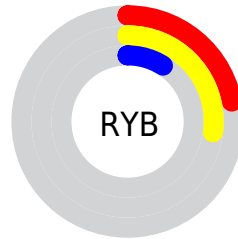
# Distribution



Red (27%)

Green (20%)

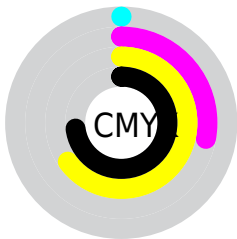
Blue (9%)



Red (22%)

Yellow (27%)

Blue (9%)

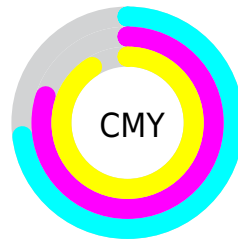


Cyan (0%)

Magenta (28%)

Yellow (65%)

Black (73%)



Cyan (73%)

Magenta (80%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453218 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 453218 by changing the saturation by 10% instead.



 453218


 453218

FFFFFFC

 2E1D00

 776044

 160400

 91795B

 000000

 AC9374

 C8AD8E

 E5C8A8

 FFE5C4

 FFFFEO

 453218

 453218

■ 452F11

■ 45351F

■ 452C0A

■ 453826

■ 452903

■ 453B2D

■ 452800

■ 453E34

■ 45413B

■ 454341

■ 454648

■ 45494F

■ 454C56

# Harmonies

## Analogous

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



4F2D21



453218



373718

# Triad

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



453218



003D3D



412F4B

# Complementary

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



453218



182B45

# 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.



2B3452



453218



003C4B

# Square

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



453218



103D2D



0A3952



4E2A3D

# Rectangle

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



453218



2C3A1C



0A3952



3A304E



# Sweetspot

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



453218



595247



45182C



2E2923



ADADAD



2E2E2E



# Same Dimension

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



453218



593C14



424518



242220



633900



E38300



# Inverse Universe

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



182B45



143159



1B1845



202224



002A63



0060E3



# Previews

## White Background



This preview shows how the Hex color 453218 looks on a white background.

## Color Contrast Check

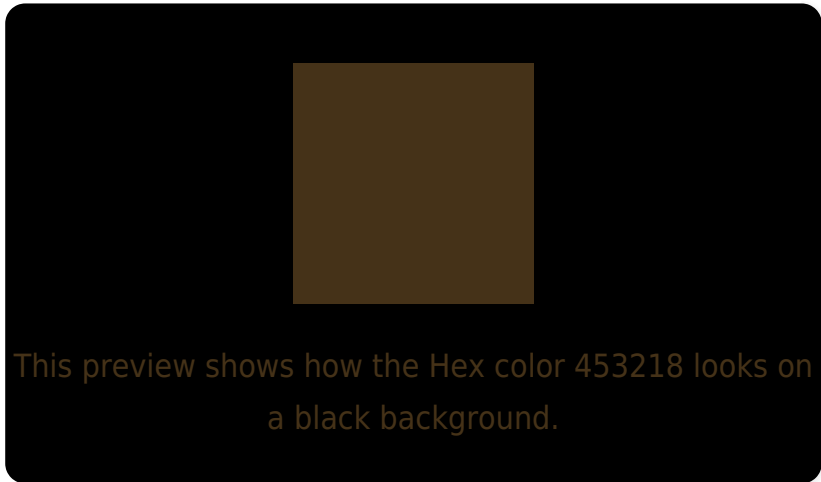
Large Text (above 18pt) WCAG AA ✓ Pass

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

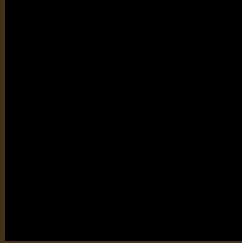
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453218 Background



This preview shows how black text looks on a background with the Hex color 453218.



This preview shows how white text looks on a background with the Hex color 453218.

# 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**  
453218

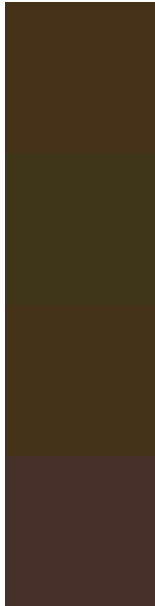
**Protanopia**  
3C3619

**Deuteranopia**  
433318



**Tritanopia**  
472F33

# Trichromacy



**Original Color**  
453218

**Protanomaly**  
3F3519

**Deuteranomaly**  
443318

**Tritanomaly**  
463029

# Monochromacy



**Original Color**  
453218

**Achromatopsia**  
353535

**Achromatomaly**  
3B342A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453218 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 #453218 looks like.

```
.text, #text, p{  
    color:#453218  
}
```

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 #453218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453218
}
```

## Border

The CSS property to change the border of an element to Hex 453218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

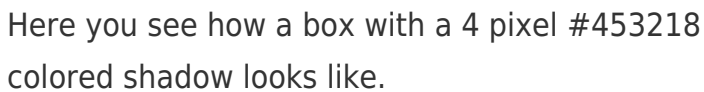
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453218 }
```

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

```
.border{ border-color:#453218 }
```

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



Here you see how a box with a 4 pixel #453218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453218; -webkit-box-shadow:4px 4px  
4px 4px #453218; box-shadow:4px 4px 4px  
4px #453218 }
```

# Background

The CSS property to change the background color of an element to Hex 453218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453218 }
```

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

```
.background{ background-color:#453218 }
```

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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