

# Converting Colors

Hex(445B18)

Have a look what the booklet for  
Hex(445B18) contains.

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**Color**

**Hex(445B18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	445B18
RGB	68, 91, 24
RGB Percent	27%, 36%, 9%
CMY	0.7333, 0.6431, 0.9059
CMYK	0.25, 0.00, 0.74, 0.64
HSL	81°, 58%, 23%
HSV	81°, 74%, 36%
XYZ	6.2899, 8.7771, 2.2268
YIQ	76.4850, 7.7990, -25.7130

# Conversions

## Conversions Part 2

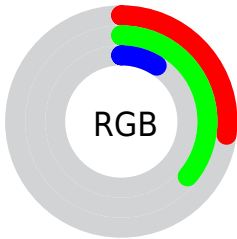
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 91, 47
Decimal	4479768
CIELab	35.55, -19.96, 34.19
CIELCh	36, 39.590, 120.281
Yxy	8.7771, 0.3637, 0.5075
Android (android.graphics.Color)	4282669848 (0xFF445B18)
YUV	76.4850, -25.8751, -7.4413
Hunter-Lab	29.6261, -13.9488, 16.2819

# Details

The Hex color **445B18** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2F185B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **768D48**, and **152D00** is the 20% darker color. If you saturate the color by 10%, you get **415B0F**, and if you desaturate by 10%, it is **475B21**.

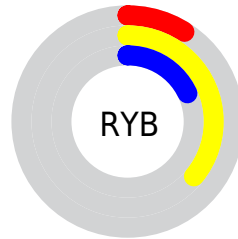
# Distribution



Red (27%)

Green (36%)

Blue (9%)



Red (9%)

Yellow (36%)

Blue (18%)

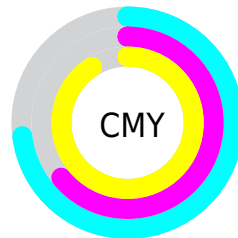


Cyan (25%)

Magenta (0%)

Yellow (74%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 445B18 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 445B18 by changing the saturation by 10% instead.





445B18



445B18

FFFFFF



2C4300



768D48



152D00



91A860



001A00



ACC37A



000000



C8DF94



E4FCAF



FFFFCB



FFFFE7



445B18



445B18

■ 415B0F

■ 475B21

■ 3E5B06

■ 4A5B2A

■ 3C5B00

■ 4D5B33

■ 505B3C

■ 545B46

■ 575B4F

■ 5A5B58

■ 5D5B61

■ 605B6A

# Harmonies

## Analogous

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



64520D



445B18



116033

# Triad

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



445B18



005F8A



8B3655

# Complementary

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



445B18



2F185B

# 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.



7A3D74



445B18



005793

# Square

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



445B18



006273



544B8B



8B3A36

# Rectangle

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



445B18



006248



544B8B



88375F



# Sweetspot

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



445B18



6C755B



5B2E18



353B2B



BABABA



3B3B3B



# Same Dimension

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



445B18



52750E



235B18



2C2E29



486E00



9CED00



# Inverse Universe

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



2F185B



320E75



50185B



2B292E



26006E

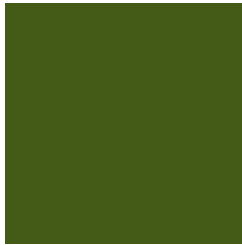


5100ED



# Previews

## White Background



This preview shows how the Hex color 445B18 looks on a white background.

## Color Contrast Check

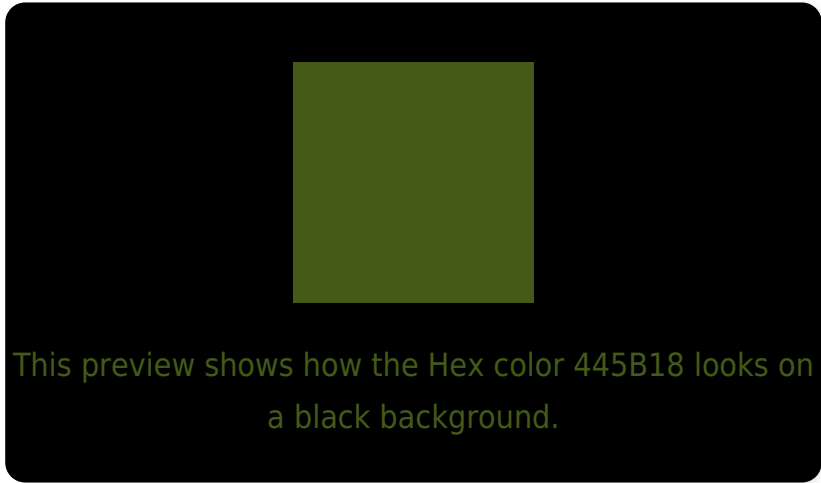
Large Text (above 18pt) WCAG AA ✓ Pass

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

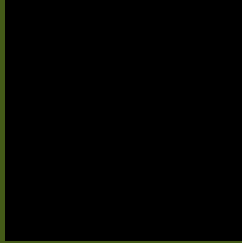
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 445B18 Background



This preview shows how black text looks on a background with the Hex color 445B18.



This preview shows how white text looks on a background with the Hex color 445B18.

# 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](#).

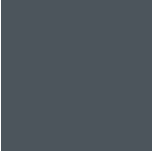
## Dichromacy



**Original Color**  
445B18

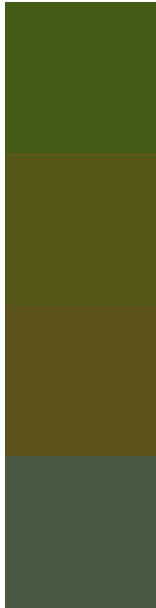
**Protanopia**  
5E5416

**Deuteranopia**  
684F1D



**Tritanopia**  
4C555C

# Trichromacy



**Original Color**  
445B18

**Protanomaly**  
555717

**Deuteranomaly**  
5B531B

**Tritanomaly**  
495743

# Monochromacy



**Original Color**  
445B18

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
495139

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 445B18 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 #445B18 looks like.

```
.text, #text, p{  
    color:#445B18  
}
```

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 #445B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445B18
}
```

## Border

The CSS property to change the border of an element to Hex 445B18 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
#445B18 }
```

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

```
.border{ border-color:#445B18 }
```

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

Here you see how a box with a 4 pixel #445B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445B18; -webkit-box-shadow:4px 4px  
4px 4px #445B18; box-shadow:4px 4px 4px  
4px #445B18 }
```

# Background

The CSS property to change the background color of an element to Hex 445B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445B18 }
```

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

```
.background{ background-color:#445B18 }
```

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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