

# Converting Colors

Hex(445D11)

Have a look what the booklet for  
Hex(445D11) contains.

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**Color**

**Hex(445D11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	445D11
RGB	68, 93, 17
RGB Percent	27%, 36%, 7%
CMY	0.7333, 0.6353, 0.9333
CMYK	0.27, 0.00, 0.82, 0.64
HSL	80°, 69%, 22%
HSV	80°, 82%, 36%
XYZ	6.3994, 9.0981, 1.9491
YIQ	76.8610, 9.4960, -28.9360

# Conversions

## Conversions Part 2

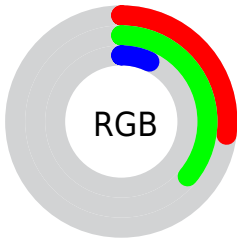
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 93, 42
Decimal	4480273
CIELab	36.17, -21.47, 37.63
CIElCh	36, 43.329, 119.707
Yxy	9.0981, 0.3668, 0.5215
Android (android.graphics.Color)	4282670353 (0xFF445D11)
YUV	76.8610, -29.5115, -7.7711
Hunter-Lab	30.1631, -14.9147, 17.2828

# Details

The Hex color **445D11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2A115D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **778F42**, and **142F00** is the 20% darker color. If you saturate the color by 10%, you get **415D08**, and if you desaturate by 10%, it is **475D1A**.

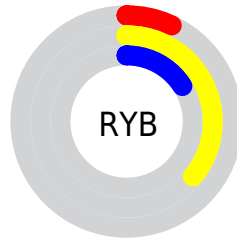
# Distribution



Red (27%)

Green (36%)

Blue (7%)



Red (7%)

Yellow (36%)

Blue (16%)

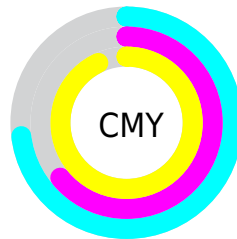


Cyan (27%)

Magenta (0%)

Yellow (82%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 445D11 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 445D11 by changing the saturation by 10% instead.





445D11



445D11

FFFFFF



2C4500



778F42



142F00



91AA5B



001C00



ADC575



000000



C8E18F



E5FEAA



FFFFC5



FFFFEE



445D11



445D11

■ 415D08

■ 475D1A

■ 3E5D00

■ 4A5D24

■ 4D5D2D

■ 505D36

■ 535D40

■ 565D49

■ 595D52

■ 5C5D5B

■ 605D65

# Harmonies

## Analogous

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



675303



445D11



036330

# Triad

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



445D11



006191



923357

# Complementary

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



445D11



2A115D

# 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.



7E3C79



445D11



00599B

# Square

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



445D11



006577



544C92



913835

# Rectangle

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



445D11



006548



544C92



8E3463



# Sweetspot

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



445D11



6E785A



5D2911



373D2B



BDBDBD



3D3D3D



# Same Dimension

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



445D11



517802



1F5D11



2C2E29



4A6E00



9FED00



# Inverse Universe

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



2A115D



290278



4F115D



2B292E



24006E



4E00ED



# Previews

## White Background



This preview shows how the Hex color 445D11 looks on a white background.

## Color Contrast Check

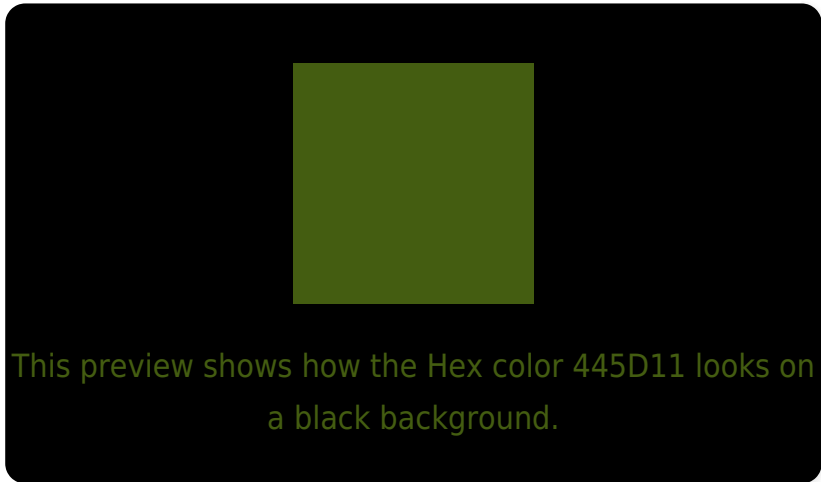
Large Text (above 18pt) WCAG AA ✓ Pass

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 445D11 Background



This preview shows how black text looks on a background with the Hex color 445D11.



This preview shows how white text looks on a background with the Hex color 445D11.

# 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**  
445D11

**Protanopia**  
60550F

**Deuteranopia**  
6B5118



**Tritanopia**  
4C575D

# Trichromacy



**Original Color**  
445D11

**Protanomaly**  
565810

**Deuteranomaly**  
5D5515

**Tritanomaly**  
495941

# Monochromacy



**Original Color**  
445D11

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4A5337

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 445D11 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 #445D11 looks like.

```
.text, #text, p{  
    color:#445D11  
}
```

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 #445D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445D11
}
```

## Border

The CSS property to change the border of an element to Hex 445D11 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
#445D11 }
```

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

```
.border{ border-color:#445D11 }
```

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

Here you see how a box with a 4 pixel #445D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445D11; -webkit-box-shadow:4px 4px  
4px 4px #445D11; box-shadow:4px 4px 4px  
4px #445D11 }
```

# Background

The CSS property to change the background color of an element to Hex 445D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445D11 }
```

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

```
.background{ background-color:#445D11 }
```

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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