

# Converting Colors

Hex(445100)

Have a look what the booklet for  
Hex(445100) contains.

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**Color**

**Hex(445100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	445100
RGB	68, 81, 0
RGB Percent	27%, 32%, 0%
CMY	0.7333, 0.6824, 1.0000
CMYK	0.16, 0.00, 1.00, 0.68
HSL	70°, 100%, 16%
HSV	70°, 100%, 32%
XYZ	5.3263, 7.1138, 1.0924
YIQ	67.8790, 18.2530, -27.9470

# Conversions

## Conversions Part 2

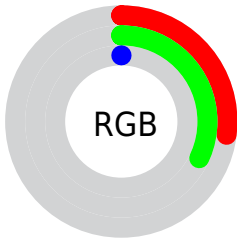
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 13
Decimal	4477184
CIELab	32.06, -15.84, 39.73
CIElCh	32, 42.775, 111.731
Yxy	7.1138, 0.3936, 0.5257
Android (android.graphics.Color)	4282667264 (0xFF445100)
YUV	67.8790, -33.4643, 0.1061
Hunter-Lab	26.6717, -11.0292, 16.2419

# Details

The Hex color **445100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0051**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **778235**, and **142400** is the 20% darker color. If you saturate the color by 10%, you get **445100**, and if you desaturate by 10%, it is **455108**.

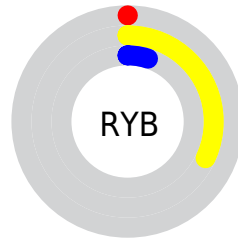
# Distribution



Red (27%)

Green (32%)

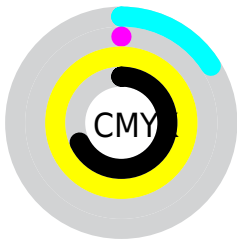
Blue (0%)



Red (0%)

Yellow (32%)

Blue (5%)

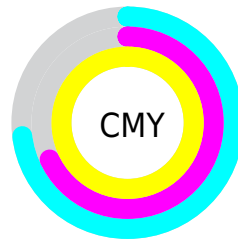


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (73%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 445100 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 445100 by changing the saturation by 10% instead.



 445100

 445100

 FFFFEF

 2D3A00

 778235

 142400

 929C4D

 000E00

 ADB766

 000000

 C9D380

 E6EF9B

 FFFFB6

 FFFFD2

 445100

■ 455108

■ 475110

■ 485118

■ 495120

■ 4B5129

■ 4C5131

■ 4D5139

■ 4E5141

■ 505149

# Harmonies

## Analogous

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



634700



445100



15571F

# Triad

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



445100



005980



832A56

# Complementary

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



445100



0D0051

# 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.



6B3776



445100



00528E

# Square

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



445100



005B63



38478A



872B35

# Rectangle

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



445100



005A35



38478A



7D2D61



# Sweetspot

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



445100



646949



510C00



323622



B5B5B5



363636



# Same Dimension

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



445100



586900



1C5100



282925



C3E800

# Inverse Universe

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



0D0051



110069



350051



252529



2500E8

# Previews

## White Background



This preview shows how the Hex color 445100 looks on a white background.

## Color Contrast Check

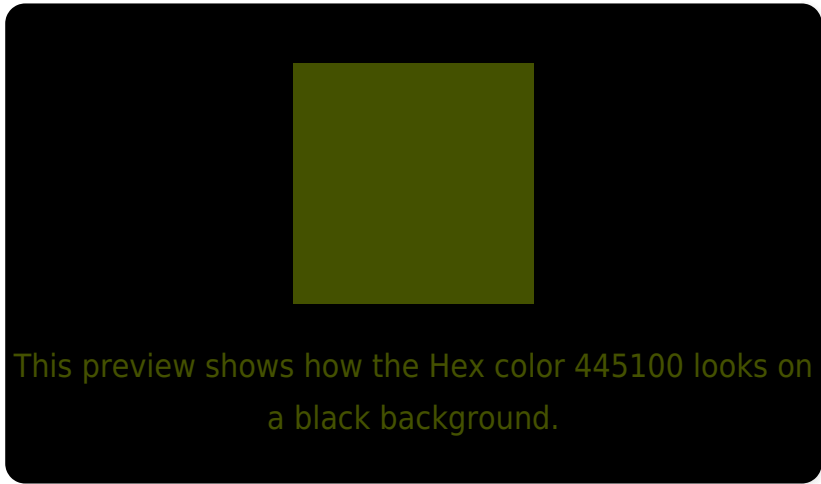
Large Text (above 18pt) WCAG AA ✓ Pass

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

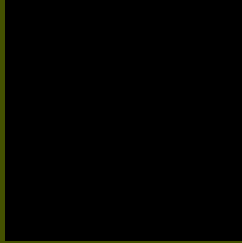
Any Text WCAG AA × Fail

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 445100 Background



This preview shows how black text looks on a background with the Hex color 445100.



This preview shows how white text looks on a background with the Hex color 445100.

# 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**  
445100

**Protanopia**  
554C00

**Deuteranopia**  
5F480E





**Tritanopia**  
4A4B51

# Trichromacy



**Original Color**  
445100

**Protanomaly**  
4F4E00

**Deuteranomaly**  
554B09

**Tritanomaly**  
484D34

# Monochromacy



**Original Color**  
445100

**Achromatopsia**  
444444

**Achromatomaly**  
44492B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 445100 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 #445100 looks like.

```
.text, #text, p{  
    color:#445100  
}
```

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 #445100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445100  
}
```

## Border

The CSS property to change the border of an element to Hex 445100 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  
#445100 }
```

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

```
.border{ border-color:#445100 }
```

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

Here you see how a box with a 4 pixel #445100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445100; -webkit-box-shadow:4px 4px  
4px 4px #445100; box-shadow:4px 4px 4px  
4px #445100 }
```

# Background

The CSS property to change the background color of an element to Hex 445100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445100 }
```

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

```
.background{ background-color:#445100 }
```

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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