

# Converting Colors

Hex(445105)

Have a look what the booklet for  
Hex(445105) contains.

<b>Hex(445105)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**Hex(445105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	445105
RGB	68, 81, 5
RGB Percent	27%, 32%, 2%
CMY	0.7333, 0.6824, 0.9804
CMYK	0.16, 0.00, 0.94, 0.68
HSL	70°, 88%, 17%
HSV	70°, 94%, 32%
XYZ	5.3537, 7.1248, 1.2366
YIQ	68.4490, 16.6480, -26.3920

# Conversions

## Conversions Part 2

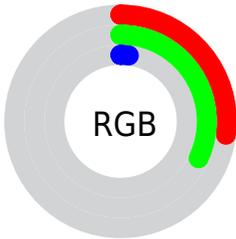
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 81, 18
Decimal	4477189
CIE <sub>Lab</sub>	32.09, -15.62, 37.96
CIE <sub>LCh</sub>	32, 41.043, 112.364
Yxy	7.1248, 0.3904, 0.5195
Android (android.graphics.Color)	4282667269 (0xFF445105)
YUV	68.4490, -31.2804, -0.3938
Hunter-Lab	26.6922, -10.9093, 15.9377

# Details

The Hex color **445105** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **120551**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **778238**, and **142400** is the 20% darker color. If you saturate the color by 10%, you get **435100**, and if you desaturate by 10%, it is **45510D**.

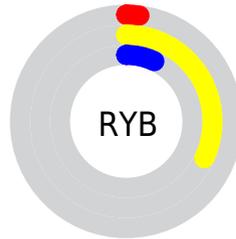
# Distribution



Red (27%)

Green (32%)

Blue (2%)



Red (2%)

Yellow (32%)

Blue (7%)

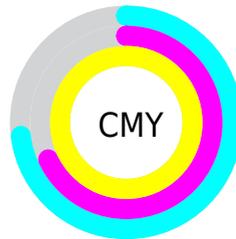


Cyan (16%)

Magenta (0%)

Yellow (94%)

Black (68%)



Cyan (73%)

Magenta (68%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 445105 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 445105 by changing the saturation by 10% instead.

 445105

 445105

 FFFFF2

 2D3A00

 778238

 142400

 919C51

 000E00

 ADB76A

 000000

 C9D384

 E5EF9E

 FFFFBA

 FFFF66

 445105

 445105

■ 435100

■ 45510D

■ 475115

■ 48511D

■ 4A5125

■ 4B512D

■ 4C5136

■ 4E513E

■ 4F5146

■ 50514E

# Harmonies

## Analogous

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



624701



445105



185721

# Triad

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



445105



00587E



812C55

# Complementary

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



445105



120551

# 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.



6A3873



445105



00528C

# Square

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



445105



005A63



3B4687



852D35

# Rectangle

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



445105



005937



3B4687



7C2F60

# Sweetspot

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



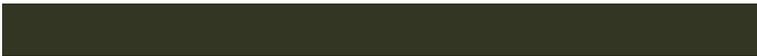
445105



64694B



511205



323623



B5B5B5



363636



# Same Dimension

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



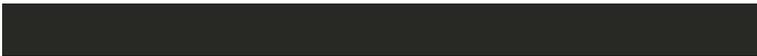
445105



576900



1E5105



282925



C0E800

# Inverse Universe

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



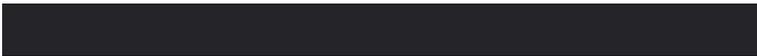
120551



120069



380551



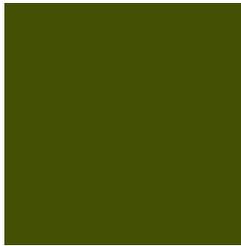
252529



2800E8

# Previews

## White Background



This preview shows how the Hex color 445105 looks on a white background.

## Color Contrast Check

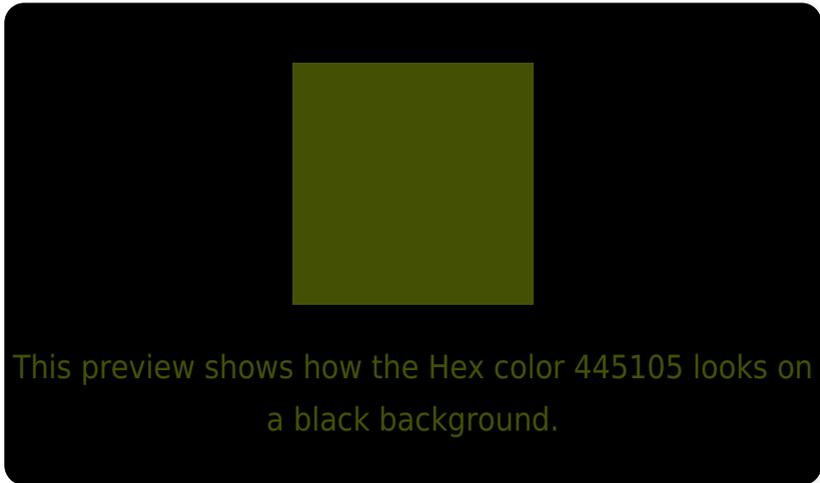
Large Text (above 18pt) WCAG AA ✓ Pass

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

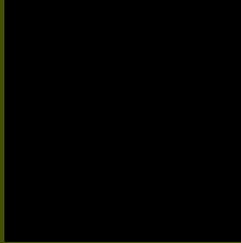
Any Text WCAG AA × Fail

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 445105 Background



This preview shows how black text looks on a background with the Hex color 445105.



This preview shows how white text looks on a background with the Hex color 445105.

# 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](#).

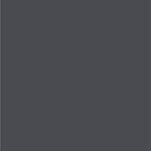
## Dichromacy



**Original Color**  
445105

**Protanopia**  
554C00

**Deuteranopia**  
5F480F



**Tritanopia**  
4A4B51

# Trichromacy



**Original Color**  
445105

**Protanomaly**  
4F4E02

**Deuteranomaly**  
554B0B

**Tritanomaly**  
484D35

# Monochromacy



**Original Color**  
445105

**Achromatopsia**  
444444

**Achromatomaly**  
44492D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 445105 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 #445105 looks like.

```
.text, #text, p{  
    color:#445105  
}
```

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 #445105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445105
}
```

## Border

The CSS property to change the border of an element to Hex 445105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

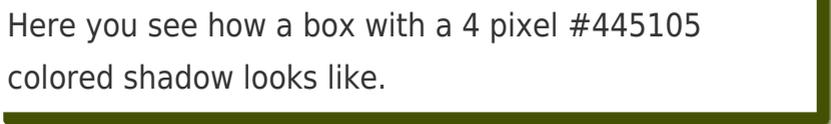
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445105 }
```

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

```
.border{ border-color:#445105 }
```

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



Here you see how a box with a 4 pixel #445105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445105; -webkit-box-shadow:4px 4px  
4px 4px #445105; box-shadow:4px 4px 4px  
4px #445105 }
```

# Background

The CSS property to change the background color of an element to Hex 445105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445105 }
```

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

```
.background{ background-color:#445105 }
```

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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