

Converting Colors

Hex(445016)

Have a look what the booklet for
Hex(445016) contains.

Hex(445016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(445016)

Conversions

Conversions Part 1

Format	Color
Hex	445016
RGB	68, 80, 22
RGB Percent	27%, 31%, 9%
CMY	0.7333, 0.6863, 0.9137
CMYK	0.15, 0.00, 0.72, 0.69
HSL	72°, 57%, 20%
HSV	72°, 72%, 31%
XYZ	5.3974, 7.0242, 1.8304
YIQ	69.8000, 11.4660, -20.5820

Conversions

Conversions Part 2

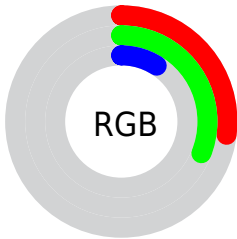
Format	Color
R_{YB}	22, 80, 34
Decimal	4476950
CIE _{Lab}	31.86, -14.12, 31.29
CIE _{LCh}	32, 34.324, 114.286
Yxy	7.0242, 0.3787, 0.4929
Android (android.graphics.Color)	4282667030 (0xFF445016)
YUV	69.8000, -23.5654, -1.5786
Hunter-Lab	26.5032, -10.0291, 14.4575

Details

The Hex color **445016** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **221650**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **768145**, and **162400** is the 20% darker color. If you saturate the color by 10%, you get **42500E**, and if you desaturate by 10%, it is **46501E**.

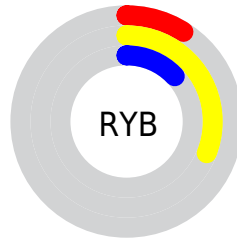
Distribution



Red (27%)

Green (31%)

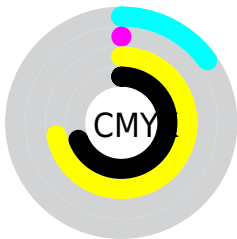
Blue (9%)



Red (9%)

Yellow (31%)

Blue (13%)

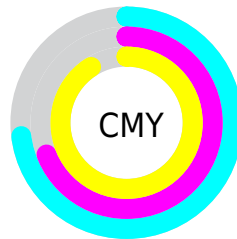


Cyan (15%)

Magenta (0%)

Yellow (72%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445016 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 445016 by changing the saturation by 10% instead.

 445016

 445016

FFFFFF

 2D3900

 768145

 162400

 909B5D

 000D00

 ABB676

 000000

 C7D290

 E3EEAB

 FFFFC7

 FFFF33

 445016

 445016

■ 42500E

■ 46501E

■ 415006

■ 475026

■ 3F5000

■ 49502E

■ 4B5036

■ 4C503E

■ 4E5046

■ 50504E

■ 515056

■ 53505E

Harmonies

Analogous

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



5E4812



445016



21552A

Triad

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



445016



005576



793351

Complementary

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



445016



221650

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.



673B6B



445016



005081

Square

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



445016



005860



43467C



7C3436

Rectangle

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



445016



00573B



43467C



75355A

Sweetspot

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



445016



646952



502216



333628



B5B5B5



363636

Same Dimension

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



445016



56690E



275016



282925



536900



B8E800

Inverse Universe

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



221650



200E69



3F1650



262529



160069



3000E8

Previews

White Background



This preview shows how the Hex color 445016 looks on a white background.

Color Contrast Check

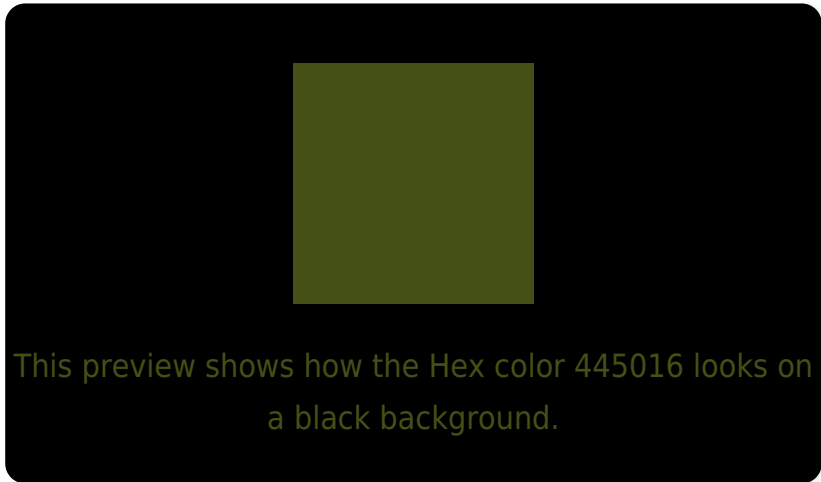
Large Text (above 18pt) WCAG AA ✓ Pass

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

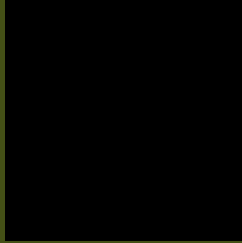
Any Text WCAG AA × Fail

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 445016 Background



This preview shows how black text looks on a background with the Hex color 445016.



This preview shows how white text looks on a background with the Hex color 445016.

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
445016

Protanopia
544B15

Deuteranopia
5E4719



Tritanopia
4A4B51

Trichromacy



Original Color
445016

Protanomaly
4E4D15

Deuteranomaly
554A18

Tritanomaly
484D3C

Monochromacy



Original Color
445016

Achromatopsia
464646

Achromatomaly
454A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 445016 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 #445016 looks like.

```
.text, #text, p{  
    color:#445016  
}
```

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 #445016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445016
}
```

Border

The CSS property to change the border of an element to Hex 445016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

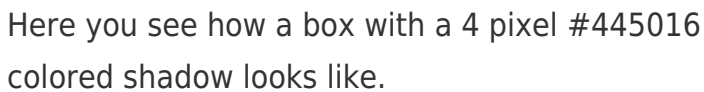
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445016 }
```

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

```
.border{ border-color:#445016 }
```

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



Here you see how a box with a 4 pixel #445016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445016; -webkit-box-shadow:4px 4px  
4px 4px #445016; box-shadow:4px 4px 4px  
4px #445016 }
```

Background

The CSS property to change the background color of an element to Hex 445016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445016 }
```

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

```
.background{ background-color:#445016 }
```

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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