

Converting Colors

Hex(445200)

Have a look what the booklet for
Hex(445200) contains.

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Color

Hex(445200)

Conversions

Conversions Part 1

Format	Color
Hex	445200
RGB	68, 82, 0
RGB Percent	27%, 32%, 0%
CMY	0.7333, 0.6784, 1.0000
CMYK	0.17, 0.00, 1.00, 0.68
HSL	70°, 100%, 16%
HSV	70°, 100%, 32%
XYZ	5.4012, 7.2635, 1.1173
YIQ	68.4660, 17.9780, -28.4700

Conversions

Conversions Part 2

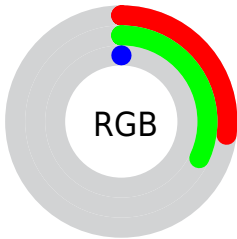
Format	Color
RYB	0, 82, 14
Decimal	4477440
CIELab	32.40, -16.39, 39.99
CIElCh	32, 43.214, 112.287
Yxy	7.2635, 0.3919, 0.5270
Android (android.graphics.Color)	4282667520 (0xFF445200)
YUV	68.4660, -33.7537, -0.4087
Hunter-Lab	26.9509, -11.3913, 16.4076

Details

The Hex color **445200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E0052**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **778335**, and **142500** is the 20% darker color. If you saturate the color by 10%, you get **445200**, and if you desaturate by 10%, it is **455208**.

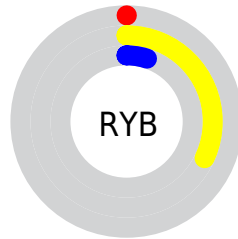
Distribution



Red (27%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (5%)

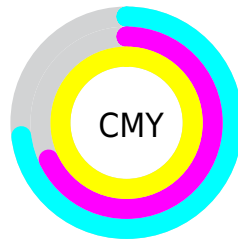


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (73%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445200 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 445200 by changing the saturation by 10% instead.

 445200

 445200

 FFFFEF

 2D3B00

 778335

 142500

 929D4D

 001000

 ADB867

 000000

 C9D481

 E6F09B

 FFFFB6

 FFFF D2

 445200

■ 455208

■ 475210

■ 485219

■ 4A5221

■ 4B5229

■ 4C5231

■ 4E5239

■ 4F5242

■ 51524A

Harmonies

Analogous

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



644800



445200



135820

Triad

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



445200



005982



842A57

Complementary

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



445200



0E0052

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.



6C3776



445200



005390

Square

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



445200



005C65



39478C



882C35

Rectangle

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



445200



005B36



39478C



7F2D62

Sweetspot

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



445200



666B4B



520E00



323622



B5B5B5



363636

Same Dimension

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



445200



596B00



1B5200



282925



576900



C0E800

Inverse Universe

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



0E0052



12006B



370052



252529



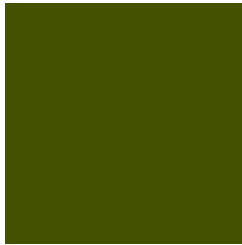
120069



2800E8

Previews

White Background



This preview shows how the Hex color 445200 looks on a white background.

Color Contrast Check

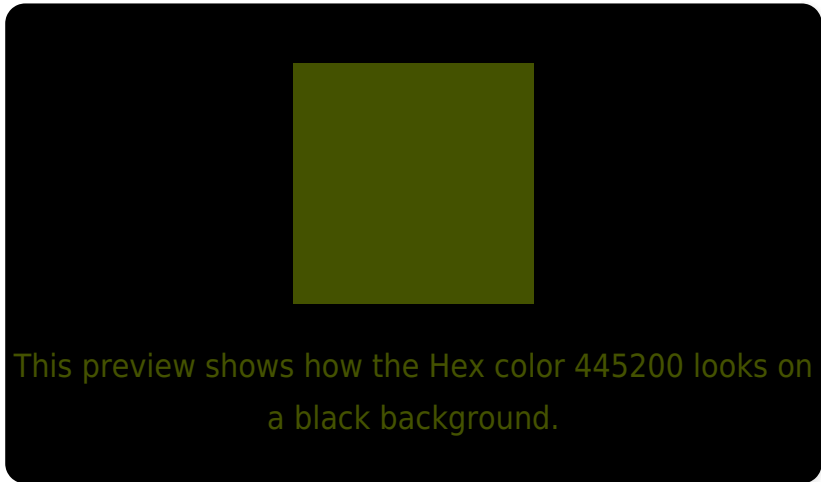
Large Text (above 18pt) WCAG AA ✓ Pass

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

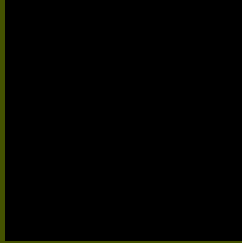
Any Text WCAG AA × Fail

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 445200 Background



This preview shows how black text looks on a background with the Hex color 445200.



This preview shows how white text looks on a background with the Hex color 445200.

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](#).

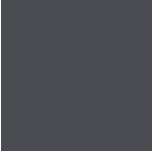
Dichromacy



Original Color
445200

Protanopia
564D00

Deuteranopia
60480E



Tritanopia
4B4C52

Trichromacy



Original Color
445200

Protanomaly
4F4F00

Deuteranomaly
564C09

Tritanomaly
484E34

Monochromacy



Original Color
445200

Achromatopsia
444444

Achromatomaly
44492B

CSS Examples

Text

The CSS property to change the color of the text to Hex 445200 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 #445200 looks like.

```
.text, #text, p{  
    color:#445200  
}
```

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 #445200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445200
}
```

Border

The CSS property to change the border of an element to Hex 445200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

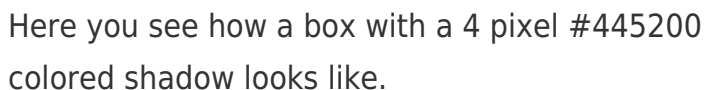
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445200 }
```

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

```
.border{ border-color:#445200 }
```

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



Here you see how a box with a 4 pixel #445200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445200; -webkit-box-shadow:4px 4px  
4px 4px #445200; box-shadow:4px 4px 4px  
4px #445200 }
```

Background

The CSS property to change the background color of an element to Hex 445200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445200 }
```

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

```
.background{ background-color:#445200 }
```

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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