

# Converting Colors

Hex(465200)

Have a look what the booklet for  
Hex(465200) contains.

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**Color**

**Hex(465200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	465200
RGB	70, 82, 0
RGB Percent	27%, 32%, 0%
CMY	0.7255, 0.6784, 1.0000
CMYK	0.15, 0.00, 1.00, 0.68
HSL	69°, 100%, 16%
HSV	69°, 100%, 32%
XYZ	5.5431, 7.3367, 1.1240
YIQ	69.0640, 19.1700, -28.0460

# Conversions

## Conversions Part 2

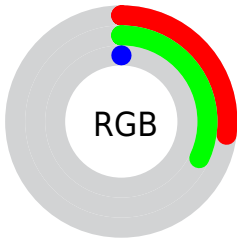
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 82, 12</a>
Decimal	<a href="#">4608512</a>
CIELab	<a href="#">32.56, -15.42, 40.18</a>
CIELCh	<a href="#">33, 43.036, 110.993</a>
Yxy	<a href="#">7.3367, 0.3958, 0.5239</a>
Android (android.graphics.Color)	<a href="#">4282798592 (0xFF465200)</a>
YUV	<a href="#">69.0640, -34.0486, 0.8209</a>
Hunter-Lab	<a href="#">27.0863, -10.8719, 16.5001</a>

# Details

The Hex color **465200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C0052**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **798335**, and **162500** is the 20% darker color. If you saturate the color by 10%, you get **465200**, and if you desaturate by 10%, it is **475208**.

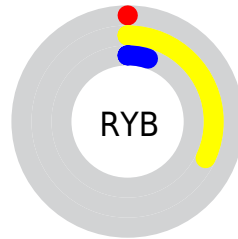
# Distribution



Red (27%)

Green (32%)

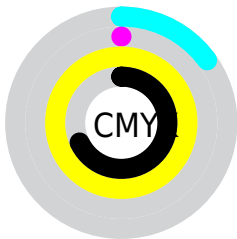
Blue (0%)



Red (0%)

Yellow (32%)

Blue (5%)

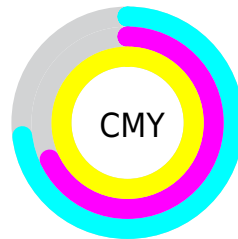


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (73%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 465200 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 465200 by changing the saturation by 10% instead.



 465200

 465200

 FFFFEF

 2F3B00

 798335

 162500

 949D4E

 001000

 AFB867

 000000

 CBD481

 E8F09B

 FFFFB7

 FFFFD3

 465200

■ 475208

■ 485210

■ 4A5219

■ 4B5221

■ 4C5229

■ 4D5231

■ 4E5239

■ 505242

■ 51524A

# Harmonies

## Analogous

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



654700



465200



18581F

# Triad

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



465200



005A81



842B58

# Complementary

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



465200



0C0052

# 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.



6B3878



465200



005490

# Square

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



465200



005C64



37488C



892C36

# Rectangle

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



465200



005B35



37488C



7E2E63



# Sweetspot

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



465200



666B4B



520B00



333622



B5B5B5



363636



# Same Dimension

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



465200



5B6B00



1E5200



282925



596900



C6E800



# Inverse Universe

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



0C0052



10006B



340052



252529



0F0069

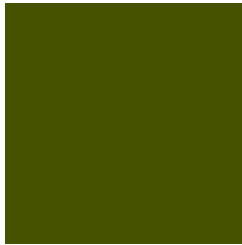


2200E8



# Previews

## White Background



This preview shows how the Hex color 465200 looks on a white background.

## Color Contrast Check

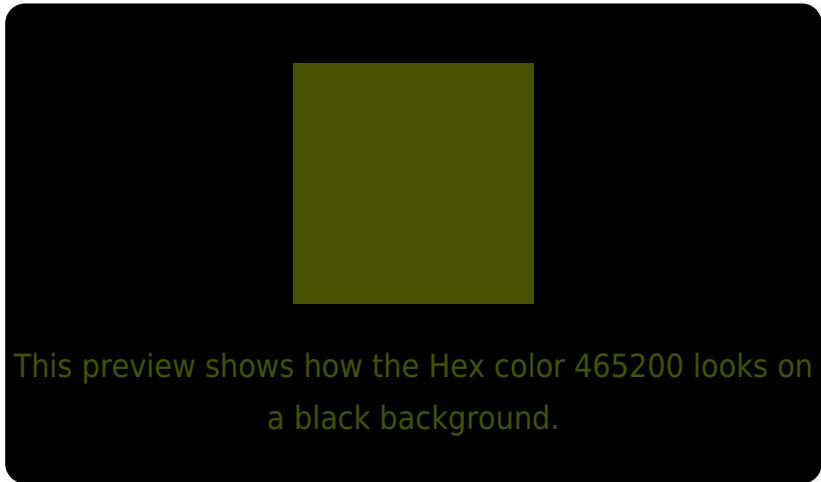
Large Text (above 18pt) WCAG AA ✓ Pass

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

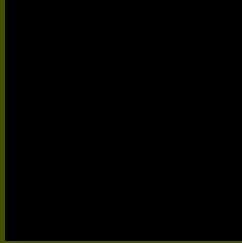
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 465200 Background



This preview shows how black text looks on a background with the Hex color 465200.



This preview shows how white text looks on a background with the Hex color 465200.

# 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**  
465200

**Protanopia**  
574D00

**Deuteranopia**  
61490E



**Tritanopia**  
4C4C52

# Trichromacy



**Original Color**  
465200

**Protanomaly**  
514F00

**Deuteranomaly**  
574C09

**Tritanomaly**  
4A4E34

# Monochromacy



**Original Color**  
465200

**Achromatopsia**  
454545

**Achromatomaly**  
454A2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 465200 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 #465200 looks like.

```
.text, #text, p{  
    color:#465200  
}
```

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 #465200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465200
}
```

## Border

The CSS property to change the border of an element to Hex 465200 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
#465200 }
```

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

```
.border{ border-color:#465200 }
```

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

Here you see how a box with a 4 pixel #465200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465200; -webkit-box-shadow:4px 4px  
4px 4px #465200; box-shadow:4px 4px 4px  
4px #465200 }
```

# Background

The CSS property to change the background color of an element to Hex 465200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465200 }
```

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

```
.background{ background-color:#465200 }
```

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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