

# Converting Colors

Hex(485200)

Have a look what the booklet for  
Hex(485200) contains.

<b>Hex(485200)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(485200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	485200
RGB	72, 82, 0
RGB Percent	28%, 32%, 0%
CMY	0.7176, 0.6784, 1.0000
CMYK	0.12, 0.00, 1.00, 0.68
HSL	67°, 100%, 16%
HSV	67°, 100%, 32%
XYZ	5.6898, 7.4123, 1.1308
YIQ	69.6620, 20.3620, -27.6220

# Conversions

## Conversions Part 2

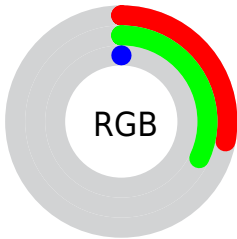
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 82, 10</a>
Decimal	<a href="#">4739584</a>
CIELab	<a href="#">32.73, -14.44, 40.38</a>
CIELCh	<a href="#">33, 42.881, 109.677</a>
Yxy	<a href="#">7.4123, 0.3998, 0.5208</a>
Android (android.graphics.Color)	<a href="#">4282929664 (0xFF485200)</a>
YUV	<a href="#">69.6620, -34.3434, 2.0504</a>
Hunter-Lab	<a href="#">27.2255, -10.3406, 16.5952</a>

# Details

The Hex color **485200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A0052**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7B8335**, and **182500** is the 20% darker color. If you saturate the color by 10%, you get **485200**, and if you desaturate by 10%, it is **495208**.

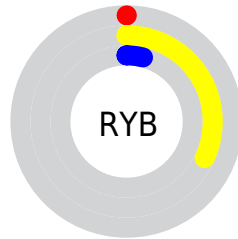
# Distribution



Red (28%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (4%)

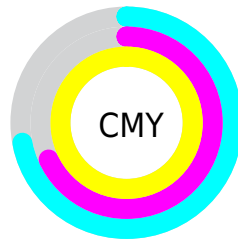


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (72%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 485200 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 485200 by changing the saturation by 10% instead.



 485200

 485200

 FFFFEF

 313B00

 7B8335

 182500

 969D4E

 001100

 B2B867

 000000

 CED481

 EBF09B

 FFFFB7

 FFFF D3

 485200

■ 495208

■ 4A5210

■ 4B5219

■ 4C5221

■ 4D5229

■ 4E5231

■ 4F5239

■ 505242

■ 51524A

# Harmonies

## Analogous

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



674700



485200



1C591E

# Triad

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



485200



005A80



842C5A

# Complementary

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



485200



0A0052

# 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.



6A3979



485200



005490

# Square

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



485200



005D63



34498D



892C38

# Rectangle

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



485200



005B34



34498D



7D3065



# Sweetspot

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



485200



676B4B



520A00



333622



B5B5B5



363636



# Same Dimension

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



485200



5E6B00



1F5200



282925



5C6900



CCE800



# Inverse Universe

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



0A0052



0D006B



330052



252529



0D0069



1C00E8



# Previews

## White Background



This preview shows how the Hex color 485200 looks on a white background.

## Color Contrast Check

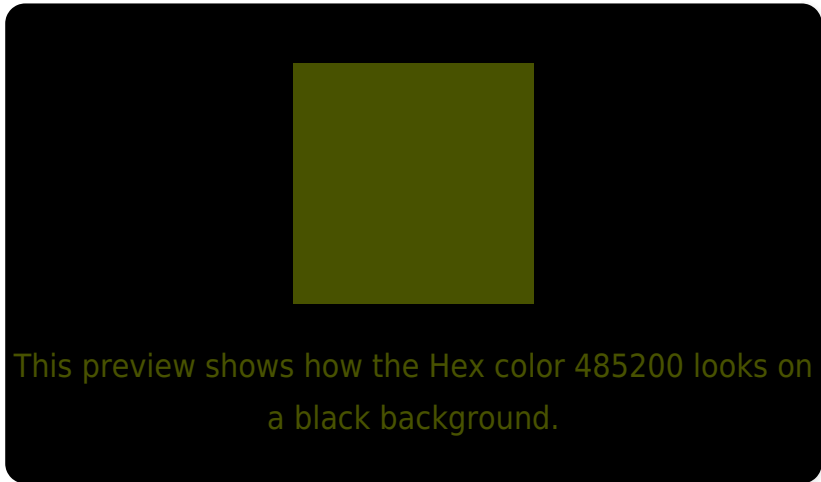
Large Text (above 18pt) WCAG AA ✓ Pass

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

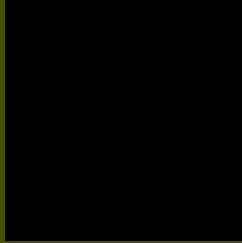
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 485200 Background



This preview shows how black text looks on a background with the Hex color 485200.



This preview shows how white text looks on a background with the Hex color 485200.

# 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**  
485200

**Protanopia**  
574D00

**Deuteranopia**  
61490E



**Tritanopia**  
4E4C52

# Trichromacy



**Original Color**  
485200

**Protanomaly**  
524F00

**Deuteranomaly**  
584C09

**Tritanomaly**  
4C4E34

# Monochromacy



**Original Color**  
485200

**Achromatopsia**  
464646

**Achromatomaly**  
474A2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 485200 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 #485200 looks like.

```
.text, #text, p{  
    color:#485200  
}
```

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 #485200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485200
}
```

## Border

The CSS property to change the border of an element to Hex 485200 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
#485200 }
```

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

```
.border{ border-color:#485200 }
```

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

Here you see how a box with a 4 pixel #485200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485200; -webkit-box-shadow:4px 4px  
4px 4px #485200; box-shadow:4px 4px 4px  
4px #485200 }
```

# Background

The CSS property to change the background color of an element to Hex 485200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485200 }
```

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

```
.background{ background-color:#485200 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor