

# Converting Colors

Hex(393200)

Have a look what the booklet for  
Hex(393200) contains.

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**Color**

**Hex(393200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	393200
RGB	57, 50, 0
RGB Percent	22%, 20%, 0%
CMY	0.7765, 0.8039, 1.0000
CMYK	0.00, 0.12, 1.00, 0.78
HSL	53°, 100%, 11%
HSV	53°, 100%, 22%
XYZ	2.8279, 3.1511, 0.4592
YIQ	46.3930, 20.2220, -14.0660

# Conversions

## Conversions Part 2

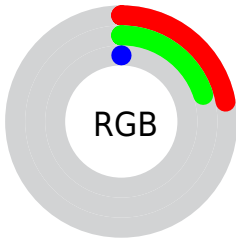
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">8, 57, 0</a>
Decimal	<a href="#">3748352</a>
CIELab	<a href="#">20.64, -2.99, 29.02</a>
CIElCh	<a href="#">21, 29.171, 95.888</a>
Yxy	<a href="#">3.1511, 0.4392, 0.4894</a>
Android (android.graphics.Color)	<a href="#">4281938432 (0xFF393200)</a>
YUV	<a href="#">46.3930, -22.8717, 9.3023</a>
Hunter-Lab	<a href="#">17.7512, -2.6279, 10.8922</a>

# Details

The Hex color **393200** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000739**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6A602F**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **393200**, and if you desaturate by 10%, it is **393306**.

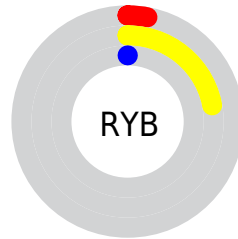
# Distribution



Red (22%)

Green (20%)

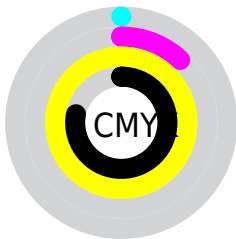
Blue (0%)



Red (3%)

Yellow (22%)

Blue (0%)

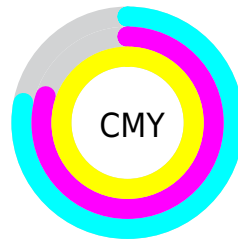


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 393200 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 393200 by changing the saturation by 10% instead.



 393200

 393200

 FFFFE4

 221D00

 6A602F

 000400

 847947

 000000

 9F925F

 BAAD78

 D7C892

 F3E4AD

 FFFFC8

 393200

■ 393306

■ 39330B

■ 393411

■ 393517

■ 39361D

■ 393622

■ 393728

■ 39382E

■ 393833

# Harmonies

## Analogous

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



4A2A07



393200



22380C

# Triad

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



393200



003B4A



4F2144

# Complementary

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



393200



000739

# 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.



382A55



393200



003959

# Square

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



393200



003C35



04335C



581D2E

# Rectangle

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



393200



0C3A18



04335C



49244A



# Sweetspot

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



393200



4A4734



390008



262518



A6A6A6



262626



# Same Dimension

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



393200



4A4100



243900



1C1C19



5C5100



DBC000



# Inverse Universe

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



000739



00094A



150039



191A1C



000B5C

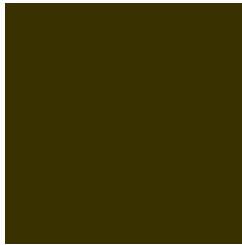


001BDB



# Previews

## White Background



This preview shows how the Hex color 393200 looks on a white background.

## Color Contrast Check

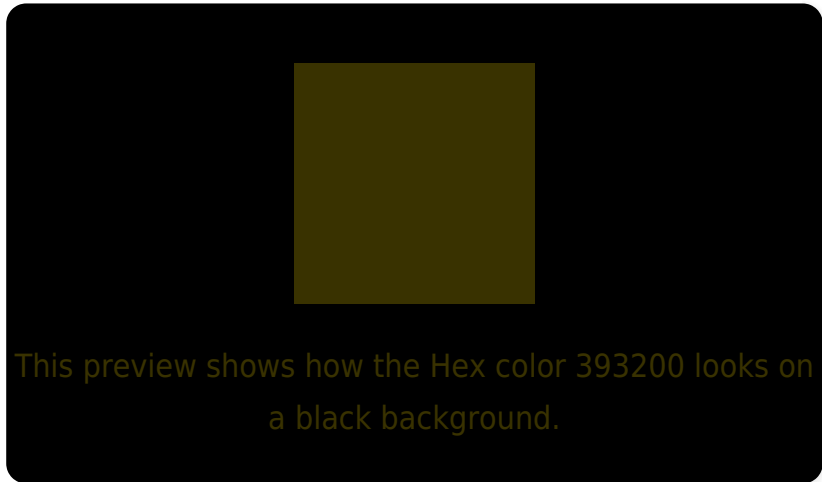
Large Text (above 18pt) WCAG AA ✓ Pass

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

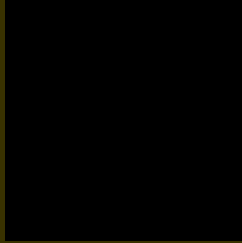
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 393200 Background



This preview shows how black text looks on a background with the Hex color 393200.

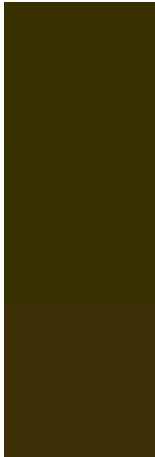


This preview shows how white text looks on a background with the Hex color 393200.

# 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**  
393200

**Protanopia**  
383201

**Deuteranopia**  
3F2F06



**Tritanopia**  
3C2E32

# Trichromacy



**Original Color**  
393200

**Protanomaly**  
383201

**Deuteranomaly**  
3D3004

**Tritanomaly**  
3B2F20

# Monochromacy



**Original Color**  
393200

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
322F1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 393200 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 #393200 looks like.

```
.text, #text, p{  
    color:#393200  
}
```

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 #393200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393200
}
```

## Border

The CSS property to change the border of an element to Hex 393200 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".

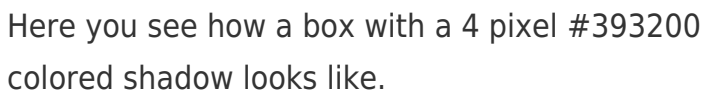
```
.border, #border, table{ border:4px solid
#393200 }
```

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

```
.border{ border-color:#393200 }
```

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

Here you see how a box with a 4 pixel #393200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393200; -webkit-box-shadow:4px 4px  
4px 4px #393200; box-shadow:4px 4px 4px  
4px #393200 }
```

# Background

The CSS property to change the background color of an element to Hex 393200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393200 }
```

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

```
.background{ background-color:#393200 }
```

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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