

# Converting Colors

Hex(773200)

Have a look what the booklet for  
Hex(773200) contains.

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**Color**

**Hex(773200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	773200
RGB	119, 50, 0
RGB Percent	47%, 20%, 0%
CMY	0.5333, 0.8039, 1.0000
CMYK	0.00, 0.58, 1.00, 0.53
HSL	25°, 100%, 23%
HSV	25°, 100%, 47%
XYZ	8.7484, 6.2031, 0.7362
YIQ	64.9310, 57.1740, -0.9220

# Conversions

## Conversions Part 2

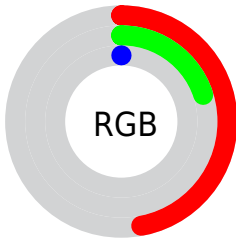
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 86, 0
Decimal	7811584
CIE <sub>Lab</sub>	29.92, 27.82, 41.05
CIE <sub>LCh</sub>	30, 49.595, 55.873
Yxy	6.2031, 0.5577, 0.3954
Android (android.graphics.Color)	4286001664 (0xFF773200)
YUV	64.9310, -32.0110, 47.4185
Hunter-Lab	24.9061, 19.1130, 15.6816

# Details

The Hex color **773200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004577**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B16231**, and **3F0300** is the 20% darker color. If you saturate the color by 10%, you get **773200**, and if you desaturate by 10%, it is **77390C**.

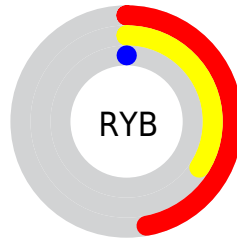
# Distribution



Red (47%)

Green (20%)

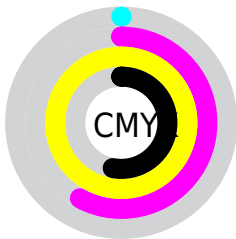
Blue (0%)



Red (47%)

Yellow (34%)

Blue (0%)

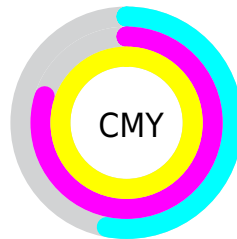


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 773200 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 773200 by changing the saturation by 10% instead.



 773200

 773200

 FFFFE8

 5B1B00

 B16231

 3F0300

 CF7C49

 290001

 ED9661

 000000

 FFB17B

 FFCC95

 FFE9B0

 FFFFCC

 773200

 77390C

 774018

 774724

 774E30

 77553B

 775B47

 776253

 77695F

 77706B

# Harmonies

## Analogous

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



871D28



773200



5B4300

# Triad

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



773200



005740



363F8D

# Complementary

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



773200



004577

# 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.



004D94



773200



005767

# Square

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



773200



005417



005586



6F2A72

# Rectangle

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



773200



444B00



005586



004491



# Sweetspot

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



773200



9C806D



770045



4F3F33



CFCFCF



4F4F4F



# Same Dimension

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



773200



9C4100



776D00



3B3735



7A3300



FA6900



# Inverse Universe

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



004577



005A9C



000A77



35383B



00477A

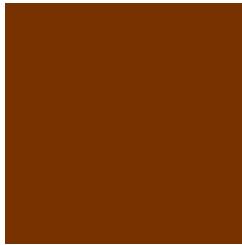


0091FA



# Previews

## White Background



This preview shows how the Hex color 773200 looks on a white background.

## Color Contrast Check

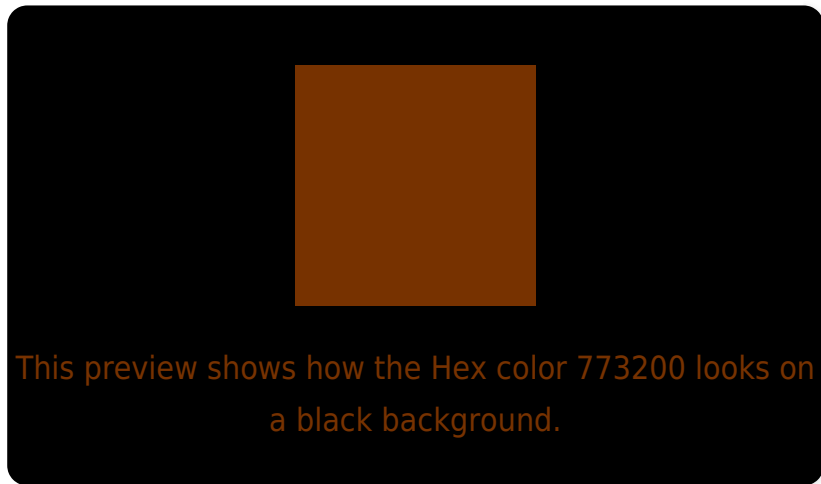
Large Text (above 18pt) WCAG AA ✓ Pass

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

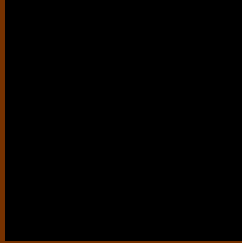
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 773200 Background



This preview shows how black text looks on a background with the Hex color 773200.



This preview shows how white text looks on a background with the Hex color 773200.

# 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**  
773200

**Protanopia**  
51480B

**Deuteranopia**  
5A4400



**Tritanopia**  
782F31

# Trichromacy



**Original Color**  
773200

**Protanomaly**  
5F4007

**Deuteranomaly**  
653D00

**Tritanomaly**  
78301F

# Monochromacy



**Original Color**  
773200

**Achromatopsia**  
414141

**Achromatomaly**  
553C29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 773200 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 #773200 looks like.

```
.text, #text, p{  
    color:#773200  
}
```

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 #773200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773200
}
```

## Border

The CSS property to change the border of an element to Hex 773200 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
#773200 }
```

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

```
.border{ border-color:#773200 }
```

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

Here you see how a box with a 4 pixel #773200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773200; -webkit-box-shadow:4px 4px  
4px 4px #773200; box-shadow:4px 4px 4px  
4px #773200 }
```

# Background

The CSS property to change the background color of an element to Hex 773200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773200 }
```

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

```
.background{ background-color:#773200 }
```

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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