

# Converting Colors

Hex(779200)

Have a look what the booklet for  
Hex(779200) contains.

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**Color**

**Hex(779200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	779200
RGB	119, 146, 0
RGB Percent	47%, 57%, 0%
CMY	0.5333, 0.4275, 1.0000
CMYK	0.18, 0.00, 1.00, 0.43
HSL	71°, 100%, 29%
HSV	71°, 100%, 57%
XYZ	17.8866, 24.4797, 3.7823
YIQ	121.2830, 30.7740, -51.1300

# Conversions

## Conversions Part 2

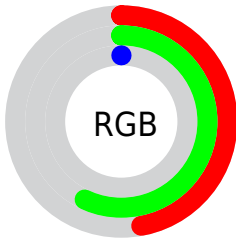
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 146, 27
Decimal	7836160
CIELab	56.56, -26.25, 59.85
CIElCh	57, 65.359, 113.682
Yxy	24.4797, 0.3876, 0.5305
Android (android.graphics.Color)	4286026240 (0xFF779200)
YUV	121.2830, -59.7925, -2.0022
Hunter-Lab	49.4770, -22.0544, 30.1014

# Details

The Hex color **779200** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1B0092**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AFC846**, and **425F00** is the 20% darker color. If you saturate the color by 10%, you get **779200**, and if you desaturate by 10%, it is **7A920F**.

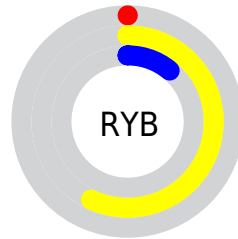
# Distribution



Red (47%)

Green (57%)

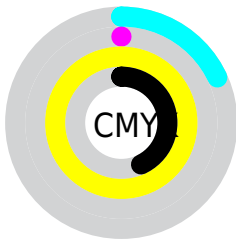
Blue (0%)



Red (0%)

Yellow (57%)

Blue (11%)

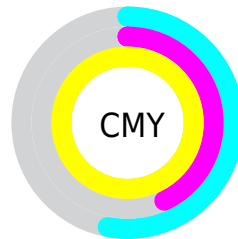


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 779200 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 779200 by changing the saturation by 10% instead.



 779200

 779200

FFFFFF

 5C7800

 AFC846

 425F00

 CCE461

 264800

 E9FF7C

 093100

 FFFF98

 001E00

 FFFFB4

 000000

 FFFFD0

 FFFFED

 779200

 7A920F

 7C921D

 7F922C

 82923A

 849249

 879258

 8A9266

 8D9275

 8F9283

# Harmonies

## Analogous

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



AD8100



779200



1F9C3F

# Triad

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



779200



009DE3



E64D96

# Complementary

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



779200



1B0092

# 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.



C063CC



779200



0092F9

# Square

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



779200



00A2B4



6E7EF1



EB525E

# Rectangle

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



779200



00A066



6E7EF1



DE53A9



# Sweetspot

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



779200



B2BD84



921B00



585E3C



DEDEDE



5E5E5E



# Same Dimension

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



779200



9ABD00



2E9200



494A43



708A00



080A00



# Inverse Universe

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



1B0092



2300BD



640092



44434A



19008A

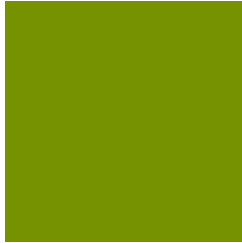


02000A



# Previews

## White Background



This preview shows how the Hex color 779200 looks on a white background.

## Color Contrast Check

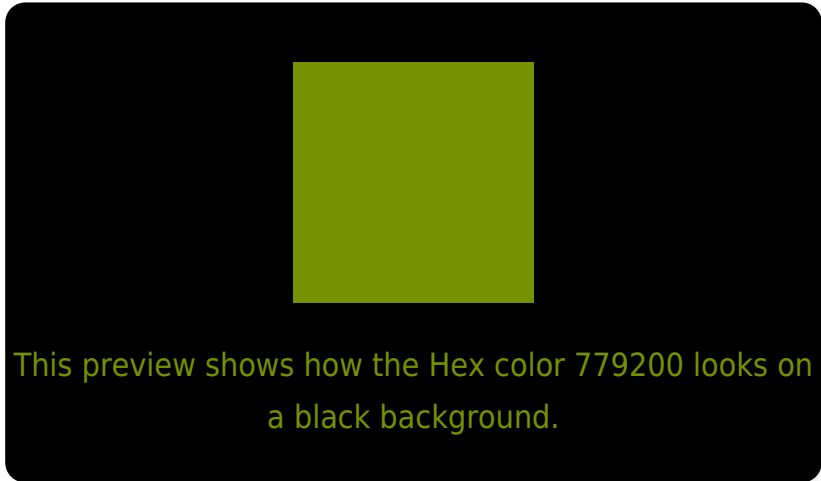
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 779200 Background



This preview shows how black text looks on a background with the Hex color 779200.



This preview shows how white text looks on a background with the Hex color 779200.

# 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





**Tritanopia**  
838892

# Trichromacy



**Original Color**  
779200

**Protanomaly**  
8D8C00

**Deuteranomaly**  
988711

**Tritanomaly**  
7F8C5D

# Monochromacy



**Original Color**  
779200

**Achromatopsia**  
797979

**Achromatomaly**  
78824D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 779200 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 #779200 looks like.

```
.text, #text, p{  
    color:#779200  
}
```

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 #779200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779200
}
```

## Border

The CSS property to change the border of an element to Hex 779200 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
#779200 }
```

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

```
.border{ border-color:#779200 }
```

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

Here you see how a box with a 4 pixel #779200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779200; -webkit-box-shadow:4px 4px  
4px 4px #779200; box-shadow:4px 4px 4px  
4px #779200 }
```

# Background

The CSS property to change the background color of an element to Hex 779200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779200 }
```

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

```
.background{ background-color:#779200 }
```

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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