

Converting Colors

Hex(789200)

Have a look what the booklet for
Hex(789200) contains.

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Color

Hex(789200)

Conversions

Conversions Part 1

Format	Color
Hex	789200
RGB	120, 146, 0
RGB Percent	47%, 57%, 0%
CMY	0.5294, 0.4275, 1.0000
CMYK	0.18, 0.00, 1.00, 0.43
HSL	71°, 100%, 29%
HSV	71°, 100%, 57%
XYZ	18.0246, 24.5508, 3.7888
YIQ	121.5820, 31.3700, -50.9180

Conversions

Conversions Part 2

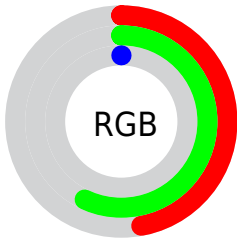
Format	Color
RYB	0, 146, 26
Decimal	7901696
CIELab	56.64, -25.82, 59.94
CIELCh	57, 65.263, 113.305
Yxy	24.5508, 0.3888, 0.5295
Android (android.graphics.Color)	4286091776 (0xFF789200)
YUV	121.5820, -59.9399, -1.3874
Hunter-Lab	49.5488, -21.7766, 30.1505

Details

The Hex color **789200** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1A0092**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B0C846**, and **435F00** is the 20% darker color. If you saturate the color by 10%, you get **789200**, and if you desaturate by 10%, it is **7B920F**.

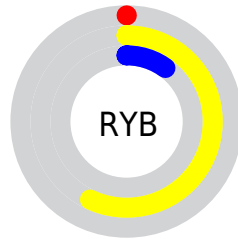
Distribution



Red (47%)

Green (57%)

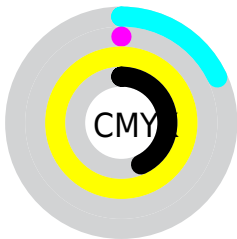
Blue (0%)



Red (0%)

Yellow (57%)

Blue (10%)

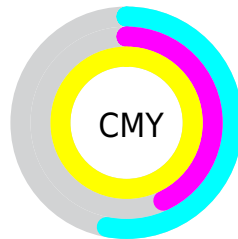


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789200 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 789200 by changing the saturation by 10% instead.

 789200

 789200

FFFFFF

 5D7800

 B0C846

 435F00

 CDE461

 284800

 EAFF7C

 0A3100

 FFFF98

 001E00

 FFFFB4

 000000

 FFFF00

 FFFFED

 789200

 7B920F

 7D921D

 80922C

 82923A

 859249

 889258

 8A9266

 8D9275

 8F9283

Harmonies

Analogous

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



AD8100



789200



229C3F

Triad

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



789200



009EE2



E64E97

Complementary

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



789200



1A0092

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.



C063CD



789200



0092F9

Square

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



789200



00A2B3



6C7EF1



EC525F

Rectangle

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



789200



00A065



6C7EF1



DD53AA

Sweetspot

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



789200



B3BD84



921800



585E3C



DEDEDE



5E5E5E

Same Dimension

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



789200



9BBD00



319200



494A43



718A00



080A00

Inverse Universe

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



1A0092



2200BD



610092



44434A



19008A



02000A

Previews

White Background



This preview shows how the Hex color 789200 looks on a white background.

Color Contrast Check

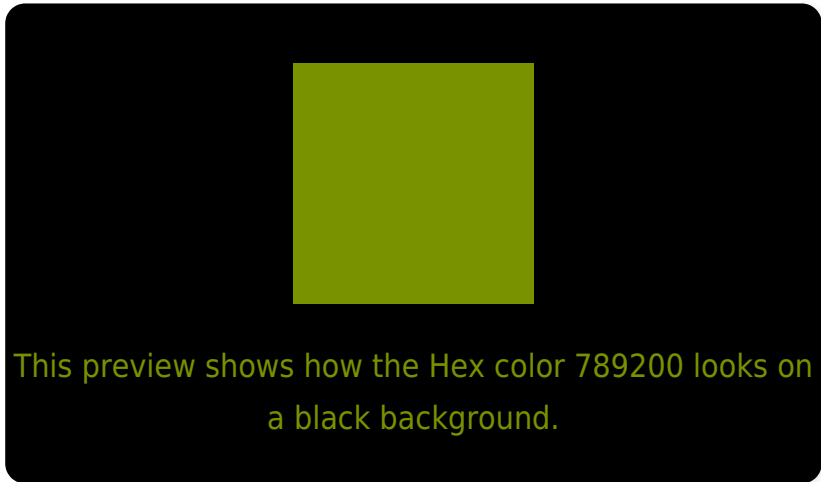
Large Text (above 18pt) WCAG AA ✓ Pass

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 789200 Background



This preview shows how black text looks on a background with the Hex color 789200.



This preview shows how white text looks on a background with the Hex color 789200.

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
789200

Protanopia
998800

Deuteranopia
AB811A



Tritanopia
848892

Trichromacy



Original Color
789200

Protanomaly
8D8C00

Deuteranomaly
988711

Tritanomaly
808C5D

Monochromacy



Original Color
789200

Achromatopsia
7A7A7A

Achromatomaly
79834E

CSS Examples

Text

The CSS property to change the color of the text to Hex 789200 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 #789200 looks like.

```
.text, #text, p{  
    color:#789200  
}
```

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 #789200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789200
}
```

Border

The CSS property to change the border of an element to Hex 789200 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
#789200 }
```

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

```
.border{ border-color:#789200 }
```

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

Here you see how a box with a 4 pixel #789200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789200; -webkit-box-shadow:4px 4px  
4px 4px #789200; box-shadow:4px 4px 4px  
4px #789200 }
```

Background

The CSS property to change the background color of an element to Hex 789200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789200 }
```

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

```
.background{ background-color:#789200 }
```

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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