

Converting Colors

Hex(788200)

Have a look what the booklet for
Hex(788200) contains.

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Color

Hex(788200)

Conversions

Conversions Part 1

Format	Color
Hex	788200
RGB	120, 130, 0
RGB Percent	47%, 51%, 0%
CMY	0.5294, 0.4902, 1.0000
CMYK	0.08, 0.00, 1.00, 0.49
HSL	65°, 100%, 25%
HSV	65°, 100%, 51%
XYZ	15.7284, 19.9583, 3.0234
YIQ	112.1900, 35.7700, -42.5500

Conversions

Conversions Part 2

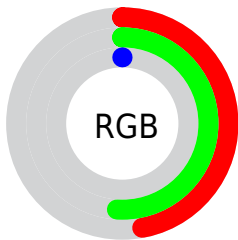
Format	Color
RYB	0, 130, 10
Decimal	7897600
CIELab	51.79, -17.69, 56.32
CIELCh	52, 59.030, 107.441
Yxy	19.9583, 0.4063, 0.5156
Android (android.graphics.Color)	4286087680 (0xFF788200)
YUV	112.1900, -55.3097, 6.8494
Hunter-Lab	44.6748, -15.3374, 27.2599

Details

The Hex color **788200** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0A0082**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B0B742**, and **445100** is the 20% darker color. If you saturate the color by 10%, you get **788200**, and if you desaturate by 10%, it is **79820D**.

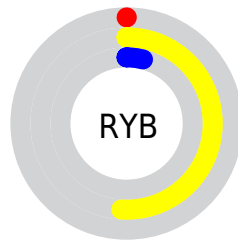
Distribution



Red (47%)

Green (51%)

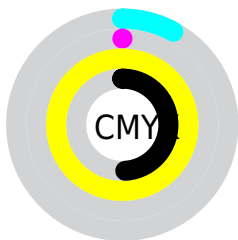
Blue (0%)



Red (0%)

Yellow (51%)

Blue (4%)

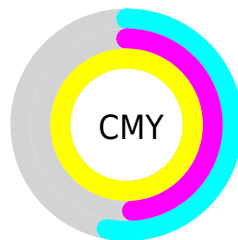


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788200 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 788200 by changing the saturation by 10% instead.

 788200

 788200

FFFFFF

 5D6900

 B0B742

 445100

 CCD25D

 293A00

 E9EF78

 102400

 FFFF93

 000C00

 FFFFAF

 000000

 FFFF CB

 FFFF E8

 788200

 79820D

 7A821A

 7B8227

 7C8234

 7D8241

 7E824E

 7F825B

 808268

 818275

Harmonies

Analogous

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



A57104



788200



398C32

Triad

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



788200



0090C5



CB4C93

Complementary

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



788200



0A0082

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.



A260C0



788200



0087DE

Square

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



788200



009398



4D77DC



D64A60

Rectangle

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



788200



009052



4D77DC



C151A3

Sweetspot

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



788200



A4A876



820900



525436



D4D4D4



545454

Same Dimension

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



788200



9BA800



388200



3F4039



768000



000000

Inverse Universe

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



0A0082



0D00A8



4A0082



3A3940



0A0080



000000

Previews

White Background



This preview shows how the Hex color 788200 looks on a white background.

Color Contrast Check

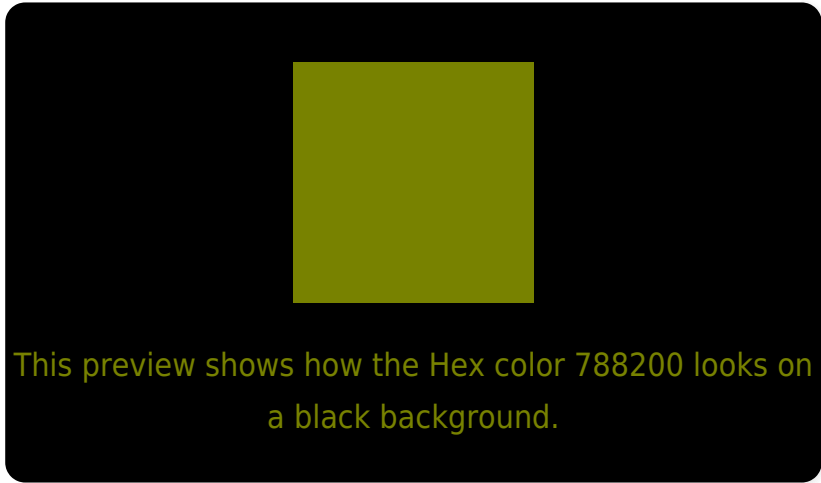
Large Text (above 18pt) WCAG AA ✓ Pass

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

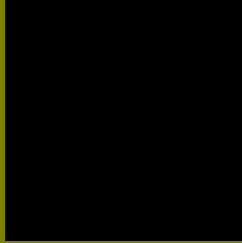
Any Text WCAG AA ✓ Pass

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 788200 Background



This preview shows how black text looks on a background with the Hex color 788200.

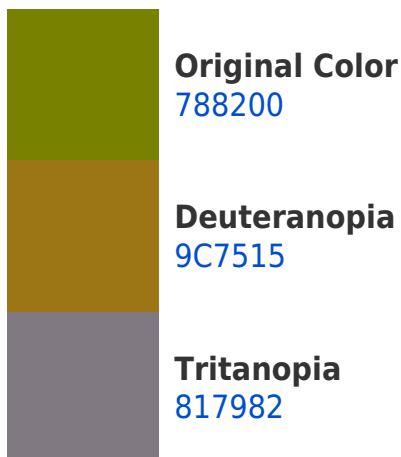


This preview shows how white text looks on a background with the Hex color 788200.

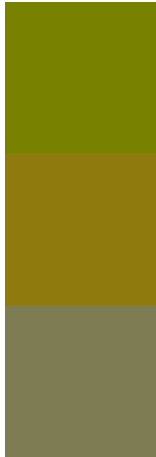
Color Blindness Simulation

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



Trichromacy



Original Color
788200

Deuteranomaly
8F7A0D

Tritanomaly
7E7C53

Monochromacy



Original Color
788200

Achromatopsia
707070

Achromatomaly
737747

CSS Examples

Text

The CSS property to change the color of the text to Hex 788200 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 #788200 looks like.

```
.text, #text, p{  
    color:#788200  
}
```

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 #788200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788200
}
```

Border

The CSS property to change the border of an element to Hex 788200 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
#788200 }
```

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

```
.border{ border-color:#788200 }
```

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

Here you see how a box with a 4 pixel #788200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788200; -webkit-box-shadow:4px 4px  
4px 4px #788200; box-shadow:4px 4px 4px  
4px #788200 }
```

Background

The CSS property to change the background color of an element to Hex 788200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788200 }
```

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

```
.background{ background-color:#788200 }
```

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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