

# Converting Colors

Hex(B27200)

Have a look what the booklet for  
Hex(B27200) contains.

<b>Hex(B27200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B27200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B27200
RGB	178, 114, 0
RGB Percent	70%, 45%, 0%
CMY	0.3020, 0.5529, 1.0000
CMYK	0.00, 0.36, 1.00, 0.30
HSL	38°, 100%, 35%
HSV	38°, 100%, 70%
XYZ	24.3774, 21.4996, 2.8650
YIQ	120.1400, 74.7380, -21.8860

# Conversions

## Conversions Part 2

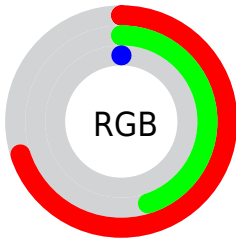
Format	Color
<a href="#">RYB</a>	<a href="#">100, 178, 0</a>
Decimal	<a href="#">11694592</a>
<a href="#">CIELab</a>	<a href="#">53.49, 18.14, 60.33</a>
<a href="#">CIElCh</a>	<a href="#">53, 62.996, 73.262</a>
<a href="#">Yxy</a>	<a href="#">21.4996, 0.5001, 0.4411</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4289884672</a> ( <a href="#">0xFFB27200</a> )
<a href="#">YUV</a>	<a href="#">120.1400, -59.2290, 50.7432</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.3677, 12.7015, 28.7939</a>

# Details

The Hex color **B27200** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0040B2**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EFA641**, and **784200** is the 20% darker color. If you saturate the color by 10%, you get **B27200**, and if you desaturate by 10%, it is **B27812**.

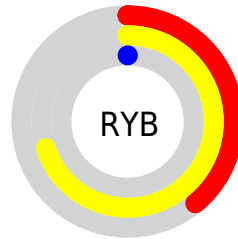
# Distribution



Red (70%)

Green (45%)

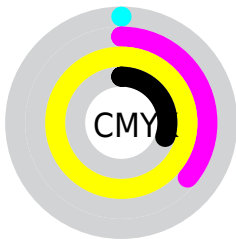
Blue (0%)



Red (39%)

Yellow (70%)

Blue (0%)

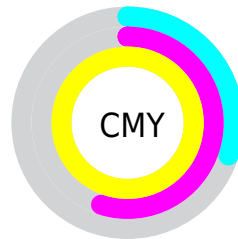


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B27200 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 B27200 by changing the saturation by 10% instead.



 B27200

 B27200

FFFFFF

 945900

 EFA641

 784200

 FFC15C

 5B2C00

 FFDD77

 3F1600

 FFF992

 270000

 FFFFAD

 000000

 FFFFCA

 FFFFEE

 B27200

 B27812

 B27F24

 B28535

 B28C47

 B29259

 B2986B

 B29F7D

 B2A58E

 B2ACA0

# Harmonies

## Analogous

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



D35A37



B27200



838500

# Triad

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



B27200



009997



A066D0

# Complementary

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



B27200



0040B2

# 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.



307EEA



B27200



0097C9

# Square

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



B27200



00975E



008EE8



D14DA0

# Rectangle

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



B27200



5C8D15



008EE8



866FDB



# Sweetspot

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



B27200



E8CFA2



B20041



75664B



F5F5F5



757575



# Same Dimension

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



B27200



E89500



9AB200



595650



996200



1A1000



# Inverse Universe

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



0040B2



0053E8



1800B2



505459



003799

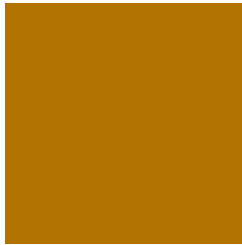


00091A



# Previews

## White Background



This preview shows how the Hex color B27200 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 B27200 Background



This preview shows how black text looks on a background with the Hex color B27200.



This preview shows how white text looks on a background with the Hex color B27200.

# 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**  
B27200

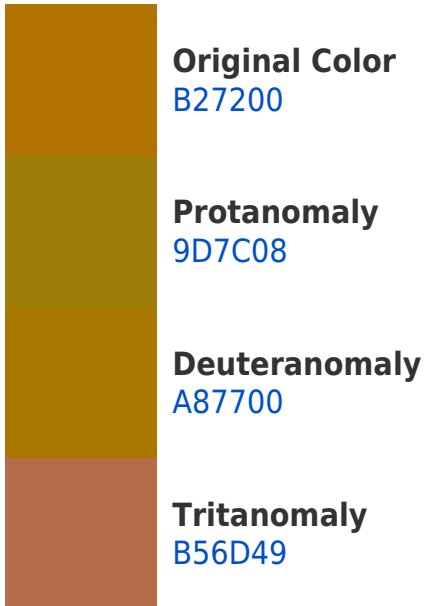
**Protanopia**  
91810D

**Deuteranopia**  
A27A00



**Tritanopia**  
B76A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B27200 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 #B27200 looks like.

```
.text, #text, p{  
    color:#B27200  
}
```

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 #B27200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27200  
}
```

## Border

The CSS property to change the border of an element to Hex B27200 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  
#B27200 }
```

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

```
.border{ border-color:#B27200 }
```

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

Here you see how a box with a 4 pixel #B27200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27200; -webkit-box-shadow:4px 4px  
4px 4px #B27200; box-shadow:4px 4px 4px  
4px #B27200 }
```

# Background

The CSS property to change the background color of an element to Hex B27200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27200 }
```

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

```
.background{ background-color:#B27200 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor