

Converting Colors

Hex(827200)

Have a look what the booklet for
Hex(827200) contains.

Hex(827200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(827200)

Conversions

Conversions Part 1

Format	Color
Hex	827200
RGB	130, 114, 0
RGB Percent	51%, 45%, 0%
CMY	0.4902, 0.5529, 1.0000
CMYK	0.00, 0.12, 1.00, 0.49
HSL	53°, 100%, 25%
HSV	53°, 100%, 51%
XYZ	15.2232, 16.7805, 2.4366
YIQ	105.7880, 46.1300, -32.0620

Conversions

Conversions Part 2

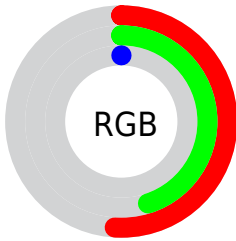
Format	Color
R_{YB}	18, 130, 0
Decimal	8548864
CIE Lab	47.98, -4.25, 53.95
CIE LCh	48, 54.121, 94.504
Yxy	16.7805, 0.4420, 0.4872
Android (android.graphics.Color)	4286738944 (0xFF827200)
YUV	105.7880, -52.1535, 21.2339
Hunter-Lab	40.9640, -5.3518, 25.1481

Details

The Hex color **827200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001082**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BAA53F**, and **4C4300** is the 20% darker color. If you saturate the color by 10%, you get **827200**, and if you desaturate by 10%, it is **82740D**.

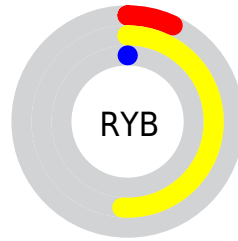
Distribution



Red (51%)

Green (45%)

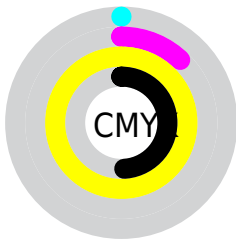
Blue (0%)



Red (7%)

Yellow (51%)

Blue (0%)

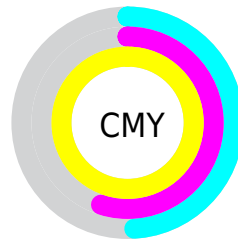


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827200 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 827200 by changing the saturation by 10% instead.

 827200

 827200

FFFFFF

 675A00

 BAA53F

 4C4300

 D8C159

 322D00

 F5DC74

 1A1900

 FFF98E

 000000

 FFFFAA

 FFFFC6

 FFFFEE

 827200

 82740D

 82751A

 827727

 827834

 827A41

 827C4E

 827D5B

 827F68

 828075

Harmonies

Analogous

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



A7611A



827200



537E1E

Triad

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



827200



0086A5



AE4E9A

Complementary

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



827200



001082

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.



7B63BE



827200



0081C4

Square

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



827200



008778



0075CD



C3446D

Rectangle

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



827200



21833A



0075CD



A155A8

Sweetspot

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



827200



A8A276



820011



545036



D4D4D4



545454

Same Dimension

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



827200



A89400



528200



403F39



807000



000000

Inverse Universe

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



001082



0015A8



300082



393A40



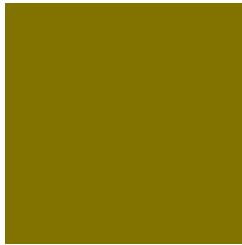
001080



000000

Previews

White Background



This preview shows how the Hex color 827200 looks on a white background.

Color Contrast Check

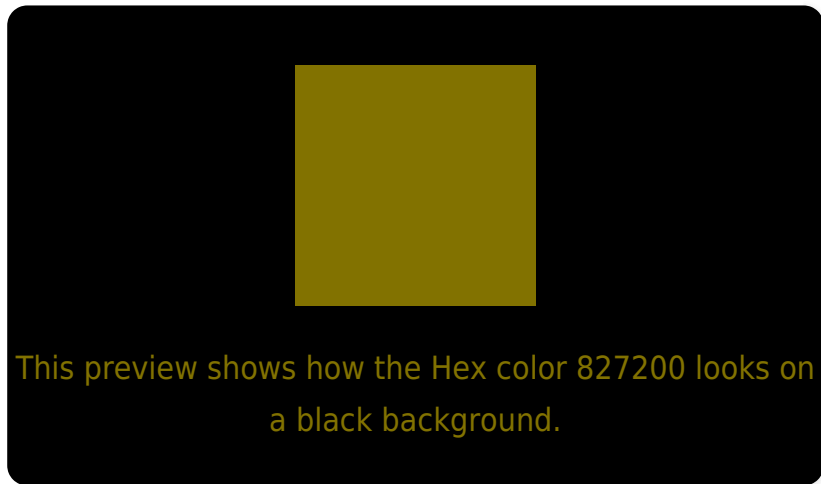
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 827200 Background



This preview shows how black text looks on a background with the Hex color 827200.



This preview shows how white text looks on a background with the Hex color 827200.

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


827200

Protanopia

817202

Deuteranopia

906C0E



Tritanopia
896A72

Trichromacy



Original Color
827200

Protanomaly
817201

Deuteranomaly
8B6E09

Tritanomaly
866D49

Monochromacy



Original Color
827200

Achromatopsia
6A6A6A

Achromatomaly
736D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 827200 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 #827200 looks like.

```
.text, #text, p{  
    color:#827200  
}
```

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 #827200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827200
}
```

Border

The CSS property to change the border of an element to Hex 827200 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
#827200 }
```

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

```
.border{ border-color:#827200 }
```

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

Here you see how a box with a 4 pixel #827200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827200; -webkit-box-shadow:4px 4px  
4px 4px #827200; box-shadow:4px 4px 4px  
4px #827200 }
```

Background

The CSS property to change the background color of an element to Hex 827200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827200 }
```

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

```
.background{ background-color:#827200 }
```

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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