

Converting Colors

Hex(828500)

Have a look what the booklet for
Hex(828500) contains.

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Color

Hex(828500)

Conversions

Conversions Part 1

Format	Color
Hex	828500
RGB	130, 133, 0
RGB Percent	51%, 52%, 0%
CMY	0.4902, 0.4784, 1.0000
CMYK	0.02, 0.00, 1.00, 0.48
HSL	61°, 100%, 26%
HSV	61°, 100%, 52%
XYZ	17.5934, 21.5209, 3.2267
YIQ	116.9410, 40.9050, -41.9990

Conversions

Conversions Part 2

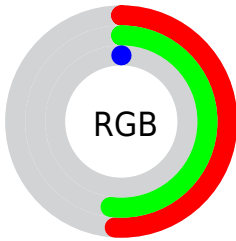
Format	Color
RYB	0, 133, 3
Decimal	8553728
CIELab	53.51, -14.68, 57.96
CIElCh	54, 59.792, 104.212
Yxy	21.5209, 0.4155, 0.5083
Android (android.graphics.Color)	4286743808 (0xFF828500)
YUV	116.9410, -57.6519, 11.4527
Hunter-Lab	46.3906, -13.4882, 28.3495

Details

The Hex color **828500** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **030085**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BABA43**, and **4D5400** is the 20% darker color. If you saturate the color by 10%, you get **828500**, and if you desaturate by 10%, it is **82850D**.

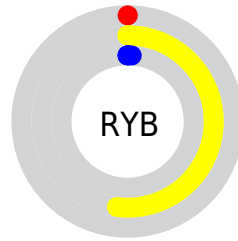
Distribution



Red (51%)

Green (52%)

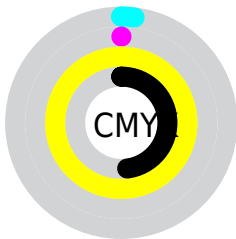
Blue (0%)



Red (0%)

Yellow (52%)

Blue (1%)

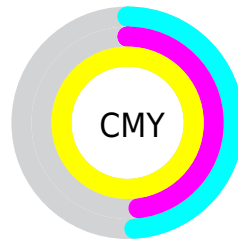


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (49%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828500 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 828500 by changing the saturation by 10% instead.

 828500

 828500

FFFFFF

 676C00

 BABA43

 4D5400

 D7D55E

 323D00

 F5F279

 192700

 FFFF94

 001400

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 828500

 82850D

 83851B

 838528

 838535

 848543

 848550

 84855D

 84856A

 858578

Harmonies

Analogous

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



AF730E



828500



469030

Triad

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



828500



0096C7



CF519D

Complementary

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



828500



030085

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.



A167CA



828500



008DE3

Square

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



828500



009898



417DE4



DC4D6A

Rectangle

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



828500



009551



417DE4



C357AE

Sweetspot

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



828500



ACAD79



850200



565737



D6D6D6



575757

Same Dimension

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



828500



A9AD00



408500



42423C



7F8200



020300

Inverse Universe

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



030085



0400AD



450085



3C3C42



030082



000003

Previews

White Background



This preview shows how the Hex color 828500 looks on a white background.

Color Contrast Check

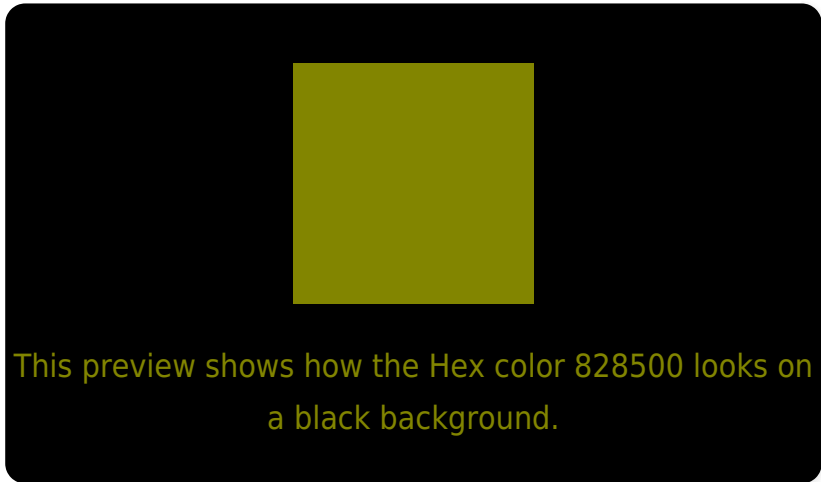
Large Text (above 18pt) WCAG AA ✓ Pass

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 828500 Background



This preview shows how black text looks on a background with the Hex color 828500.

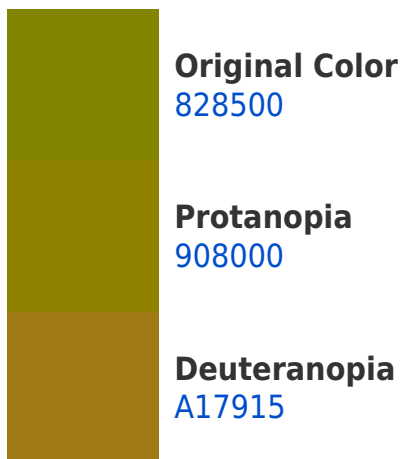


This preview shows how white text looks on a background with the Hex color 828500.

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
8B7C85

Trichromacy



Original Color
828500

Protanomaly
8B8200

Deuteranomaly
967D0D

Tritanomaly
887F55

Monochromacy



Original Color
828500

Achromatopsia
757575

Achromatomaly
7A7B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 828500 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 #828500 looks like.

```
.text, #text, p{  
    color:#828500  
}
```

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 #828500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828500
}
```

Border

The CSS property to change the border of an element to Hex 828500 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
#828500 }
```

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

```
.border{ border-color:#828500 }
```

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

Here you see how a box with a 4 pixel #828500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828500; -webkit-box-shadow:4px 4px  
4px 4px #828500; box-shadow:4px 4px 4px  
4px #828500 }
```

Background

The CSS property to change the background color of an element to Hex 828500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828500 }
```

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

```
.background{ background-color:#828500 }
```

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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